**D:** References

## REFERENCES RECORD OF DECISION Financial Support for Transmission and Distribution Lines to Pump Stations 15, 16, 17, 18, and 19 in Connection with the TransCanada Keystone XL Pipeline

U.S. Fish and Wildlife Service, Federal Register, 65241, Volume 85, No. 200, October 15, 2020. Endangered and Threatened Wildlife and Plants; Reclassification of the American Burying Beetle from Endangered to Threatened with a Section 4(d) Rule, October 15, 2020.

U.S. Fish and Wildlife Service, Federal Register, 500043, Volume 85, No. 159, Habitat Conservation Plan and Draft Environmental Assessment, Keystone XL Pipeline; Incidental Take Permit Application for American Burying Beetle; Tripp County, South Dakota, and Antelope, Boyd, Brown, Cherry, Holt, and Keya Paha Counties, Nebraska. August 17, 2020.

U.S. Fish and Wildlife Service, Concurrent and Biological Opinion Transmittal Letter, December 23, 2019.

U.S. Fish and Wildlife Service, Biological Opinion on the Effects of the Proposed Keystone XL Pipeline to the Federally Endangered American Burying Beetle, *Nicrophorus americanus*. USFWS, December 23, 2019.

US Forest Service Special Use Permit for Project Codes 807 and 330 Final Approval. January 30, 2012.

U.S. Department of Interior, Bureau of Land Management, Biological Assessment for the Keystone XL Pipeline Project, November 26, 2019.

U.S. Department of State. Keystone Pipeline XL Final Supplemental Environmental Impact Statement, December 2019.

U.S. Department of State. Keystone XL Pipeline Project Draft Supplemental Environmental Impacts Statement, October 2019.

U.S. Department of State, Final Supplemental Environmental Impact Statement Chapter 5 Keystone XL Project, January 2014.

U.S. Department of State. Final Environmental Impact Statement for the Proposed Keystone XL Pipeline Project, August 26, 2011.

U.S. Department of State. Programmatic Agreement for the Keystone XL Pipeline, as amended, December 2013.

References from TransCanada Keystone XL Pipeline Final Environmental Impact Statement, Chapter 10

## 10 <u>REFERENCES</u>

- 16 CFR (Code of Federal Regulations) 1500. "Hazardous Substances and Articles; Administration and Enforcement Regulations." U.S. Consumer Product Safety Commission, Code of Federal Regulations.
- 16 USC (United States Code) 460aa-470mm. "Archaeological Resources Protection." U.S. Federal Government, U.S. Code.
- 16 USC 703-712. "Migratory Bird Treaty." U.S. Federal Government, U.S. Code.
- 25 USC 3001-3013. "Native American Graves Protection and Repatriation." U.S. Federal Government, U.S. Code.
- 33 CFR 320-332. Parts 320-332 of "Navigation and Navigable Waters." U.S. Federal Government, *Code* of Federal Regulations.
- 33 USC 408. "Taking possession of, use of, or injury to harbor or river improvements." U.S. Federal Government, U.S. Code.
- 33 USC 1344. "Permits for dredged or fill material." U.S. Federal Government, U.S. Code.
- 36 CFR 60. "National Register of Historic Places." U.S. Federal Government, *Code of Federal Regulations*.
- 36 CFR 800. "Protection of Historic Properties." U.S. Federal Government, *Code of Federal Regulations*.
- 40 CFR 81. "Designation of Areas for Air Quality Planning Purposes." U.S. Environmental Protection Agency, *Code of Federal Regulations*.
- 40 CFR 93. "Determining Conformity of Federal Actions to State or Federal Implementation Plans." U.S. Environmental Protection Agency, *Code of Federal Regulations*.
- 40 CFR 1500-1508. "National Environmental Policy Act Implementing Regulations." The Council on Environmental Quality, *Code of Federal Regulations*.
- 42 USC 1996. "Protection and preservation of traditional religions of Native Americans." U.S. Federal Government, U.S. Code.
- 42 USC 4901-4918. "Noise Control." U.S. Federal Government, U.S. Code.
- 42 USC 9601-9675. "Comprehensive Environmental Response, Compensation, and Liability." U.S. Federal Government, U.S. Code.
- 43 FR (*Federal Register*) 20938. "Determination of Critical Habitat for the Whooping Crane." U.S. Fish and Wildlife Service, Department of the Interior. *Federal Register*. [Volume 43, Number 94]. May 15, 1978.
- 49 CFR 192. "Transportation of Natural and Other Gas by Pipeline; Minimum Federal Safety Standards." The Department of Transportation, *Code of Federal Regulations*.
- 49 CFR 193. "Liquefied Natural Gas Facilities: Federal Safety Standards." The Department of Transportation, *Code of Federal Regulations*.
- 49 CFR 194. "Response Plans for Onshore Oil Pipelines." The Department of Transportation, *Code of Federal Regulations*.

- 49 CFR 195. "Transportation of Hazardous Liquids by Pipeline." The Department of Transportation, *Code of Federal Regulations*.
- 50 CFR 10. "General Provisions." U.S. Fish and Wildlife Service, Department of the Interior, *Code of Federal Regulations*.
- 50 CFR 17. "Endangered and Threatened Wildlife and Plants." U.S. Fish and Wildlife Service, Department of Interior, *Code of Federal Regulations*.
- 54 USC 306108. "Effect of undertaking on historic Property." U.S. Federal Government, U.S. Code.
- 70 FR 15239. "Endangered and Threatened Wildlife and Plants; Final Designation of the Critical Habitat for Topeka Shiner." U.S. Fish and Wildlife Service, Department of the Interior, *Federal Register*. [Volume 70, Number 57]. March 25, 2005.
- 78 FR 60023. "Endangered and Threatened Wildlife and Plants; Proposed Threatened Status for the Rufa Red Knot (Calidris canutus rufa)." U.S. Fish and Wildlife Service, Department of the Interior, *Federal Register*. [Volume 78, Number 189]. September 30, 2013.
- 79 FR 73705. "Endangered and Threatened Wildlife and Plants; Threatened Species Status for the Rufa Red Knot." U.S. Fish and Wildlife Service, Department of the Interior, *Federal Register.* [Volume 79, Number 238]. December 11, 2014.
- 82 FR 1860. "Issuance and Reissuance of Nationwide Permits." Department of the Army, Corps of Engineers, U.S. Department of Defense, *Federal Register*. [Volume 82, Number 4]. January 6, 2017.
- 83 FR 24383. "Notice of Intent to Prepare an Environmental Assessment for the Proposed Keystone XL Pipeline Mainline Alternative Route in Nebraska." U.S. Department of State, *Federal Register*. [Volume 83, Number 102]. May 25, 2018.
- 83 FR 36659. "Notice of Availability of the Draft Environmental Assessment for the Proposed Keystone XL Pipeline Mainline Alternative Route in Nebraska." Department of State. Federal Register. [Volume 83, Number 146]. July 30, 2028.
- 83 FR 62398. "Notice of Intent To Prepare a Supplemental Environmental Impact Statement for the Proposed Keystone XL Pipeline." Department of State. Federal Register. [Volume 83, Number 232]. December 3, 2018.
- 83 FR 48358. "Notice of Availability of the Draft Supplemental Environmental Impact Statement for the Proposed Keystone XL Pipeline Mainline Alternative Route in Nebraska; Public Meeting Announcement." Department of State. Federal Register. [Volume 83, Number 185]. September 24, 2018.
- 84 FR 53215. "Notice of Availability of the Draft Supplemental Environmental Impact Statement for the Proposed Keystone XL Pipeline; Public Meeting Announcement." Department of State. Federal Register. [Volume 84, Number 193]. October 4, 2019.
- Aberdeen, Carolina and Western Railway Company. 2018. Industrial Sites. Rail Maps of the U.S. BNSF Railway Map available at http://www.acwr.com/economic-development/rail-maps/bnsf. Union Pacific Railway Map available at http://www.acwr.com/economic-development/rail-maps/unionpacific.
- ACS (American College of Surgeons). 2018. Clarification Document: Resources for Optimal Care of the Injured Patient. December 19. Accessed January 2019 at https://www.facs.org/~/media/files/ quality%20programs/trauma/vrc%20resources/clarification\_document.ashx.

- Advisory Council on Historic Preservation. 2002. Programmatic Agreement on Protection of Historic Properties During Emergency Response Under the National Oil and Hazardous Substances Pollution Contingency Plan. Updated April 30, 2002.
- AECOM. 2008a. Personal communication between C. Bessken (USFWS) and P. Lorenz (AECOM). June 11, 2008.
- Albers, P.C., C. Berndt, E. Brown, Y. Kelly, V. Kittelson, K. Rossina, S. Schlegel, and A. Yardley. 2003. The Home of the Bison: An Ethnographic and Ethnohistorical Study of Traditional Cultural Affiliations to Wind Cave National Park. "Chapter Five: Treaties and Broken Promises – 1851 to 1877." National Park Service.
- Alberta Energy Regulator. 2018. ST98: Alberta's Energy Reserves and Supply/Demand Outlook. July 2018. Accessed January 21, 2019 at https://www.aer.ca/providing-information/data-andreports/statistical-reports/oil-prices, https://www.aer.ca/providing-information/data-andreports/statistical-reports/wcs-price and https://www.aer.ca/providing-information/data-andreports/statistical-reports/cls-price.
- Alberta Energy Regulator. 2017. Alberta Mineable Oil Sands Plant Statistics. Monthly Supplement. Statistical Series 39. December 2017.
- Alberta Energy Regulator. 2016. Alberta Mineable Oil Sands Plant Statistics. Monthly Supplement. Statistical Series 39. December 2016.
- Alberta Energy Regulator. 2015. Alberta Mineable Oil Sands Plant Statistics. Monthly Supplement. Statistical Series 39. December 2015.
- Alberta Energy Regulator. 2014. Alberta Mineable Oil Sands Plant Statistics. Monthly Supplement. Statistical Series 39. December 2014.
- Alberta Energy Regulator. 2013. Alberta Mineable Oil Sands Plant Statistics. Monthly Supplement. Statistical Series 39. December 2013.
- Andeavor Logistics. 2017. BakkenLink Pipeline Fact Sheet. Dated August 2017. Accessed December 19, 2018 at http://www.andeavorlogistics.com/media/1267/andx\_bakkenlinkpipeline\_factsheet\_080917.pdf.
- Andres, B. A., and K. L. Stone. 2009. *Conservation Plan for the Mountain Plover* (Charadrius montanus), Version 1.0. Manomet Center for Conservation Sciences, Manomet, Massachusetts.
- Andrews, A. and R.K. Lattanzio. 2013. Petroleum Coke: Industry and Environmental Issues. U.S. Library of Congress, Congressional Research Service. 7-5700. Order Code R43263. October 29, 2013.
- API (American Petroleum Institute). 2001. Managing System Integrity for Hazardous Liquid Pipelines. First Edition. ANSI/API STD 1160-2001. November 2001.
- APLIC (Avian Power Line Interaction Committee). 2012. *Reducing Avian Collisions with Power Lines. The State of the Art in 2012.* Edison Electric Institute and APLIC. Washington, D.C.
- APLIC. 2006. Suggested Practices for Avian Protection on Power Lines: The State of the Art in 2006. Edison Electric Institute, APLIC, and the California Energy Commission. Washington, D.C.
- APLIC. 1996. Suggested Practices for Raptor Protection on Power Lines: The State of the Art in 1996. Edison Electric Institute and the Raptor Research Foundation. Washington, D.C.
- APLIC. 1994. *Mitigating Bird Collisions with Power Lines: The State of the Art in 1994*. Edison Electric Institute. Washington, D.C.

- Arcadis. 2014a. Downstream Areas Data Assessment Report: Mayflower Pipeline Incident Response, Mayflower, Arkansas. Revision 5. Prepared for ExxonMobil Environmental Services Company. March 2014.
- Area Development News Desk. 2012. Union Pacific Railroad Announces \$1 Billion Investment in Nebraska Over the Next Few Years. January 23. Accessed at http://www.areadevelopment. com/newsItems/1-23-2012/union-pacific-nebraska-capital-investment-726252098.shtml.
- Argonne National Laboratory. 2018. The Greenhouse gases, Regulated Emissions, and Energy use in Transportation Model. Argonne, IL. Accessed January 3, 2019 at https://greet.es.anl.gov/index.php.
- ASME (American Society of Mechanical Engineers). 2010. Managing System Integrity of Gas Pipelines: ASME Code for Pressure Piping, B31 Supplement to ASME B31.8. B31.8S 2010. June 1, 2010.
- Assiniboine & Sioux Rural Water Supply System. 2010. Assiniboine & Sioux Rural Water Supply System. Accessed January 11, 2019 at http://fortpecktribes.org/asrwss/index.htm.
- Audubon. 2018a. Important Bird Areas. Accessed January 15, 2019 at https://www.audubon.org/important-bird-areas/charles-m-russell-national-wildlife-refuge.
- Audubon. 2018b. Important Bird Areas. Accessed January 15, 2019 at https://www.audubon.org/important-bird-areas/custer-national-forest/.
- Audubon. 2016. Audubon Publicly Bound Important Bird Areas GIS Layer. Updated May 9, 2016. Accessed January 10, 2019 at https://www.arcgis.com/home/item.html?id= 2e401b20392449918f6b6b00b7f49074/.
- Austin, J.E., and A.L. Richert. 2001. A Comprehensive Review of the Observational and Site Evaluation Data of Migrant Whooping Cranes in the United States, 1943-99. U.S. Geological Survey, Northern Prairie Wildlife Research Center, Jamestown, North Dakota, and State Museum, University of Nebraska, Lincoln, Nebraska. Accessed September 15, 2019 at https://pubs.usgs.gov/unnumbered/93805/report.pdf.
- Avirmed, O., W. K. Lauenroth, I. C. Burke, and M. L. Mobley. 2015. "Sagebrush Steppe Recovery on 30–90-year old Abandoned Oil and Gas Wells." *Ecosphere* 6, no. 7: 115. doi: http://dx.doi.org/10.1890/ES14-00175.1.
- Baer, S., Z. Barnes, V. Zietz, N. Hurlburt, T. Witt, S. Doyle, K. Reed, and E. Salisbury. 2010a. Class III Cultural Resources Survey for the Steele City Segment in Montana of the Keystone XL Project, Dawson, Fallon, McCone, Phillips, Prairie, and Valley Counties, Montana Addendum 3: Additional Fieldwork Results.
- Baer, S., Z. Barnes, and E. Salisbury. 2010b. Level III Cultural Resources Survey for the Steele City Segment in South Dakota of the Keystone XL Project, Haakon County, South Dakota: Transmission Line PS-18.
- Baer, S., Z. Barnes, and E. Salisbury. 2010c. Level III Cultural Resources Survey for the Steele City Segment in South Dakota of the Keystone XL Project, Haakon and Jones, Counties, South Dakota: Transmission Line PS-19.
- Bainbridge, B. 2017. *R-Project Draft Habitat Conservation Plan*. Nebraska Public Power District. Accessed January, 2 2019 at https://www.regulations.gov/document?D=FWS-R6-ES-2014-0048-0059.

- Barnea, N. 1995. Health and Safety Aspects of In-Situ Burning of Oil. National Oceanic Atmospheric Administration. Seattle, Washington.
- Barrientos, R., J.C. Alonso, C. Ponce, and C. Palacín. 2011. "Meta-analysis of the Effectiveness of Marked Wire in Reducing Avian Collisions with Power Lines." *Conservation Biology* 25: 893-903. https://doi.org/10.1111/j.1523-1739.2011.01699.x.
- Barbour, R.W., and W.H. Davis. 1969. *Bats of America*. Lexington, KY: The University Press of Kentucky.
- Bellafonte, M. 2018. "Alberta premier announces 8.7% oil production cut to increase prices." CBC News. December 2, 2018. Accessed February 14, 2019 at https://www.cbc.ca/news/canada/edmonton/alberta-premier-oil-differential-announcement-1.4929610.
- Bennett, N. "New restrictions could derail oil-by-rail shipments." Business Vancouver. October 23, 2018. Accessed February 14, 2019 at https://biv.com/article/2018/10/new-restrictions-could-derail-oil-rail-shipments.
- Berglund, J. 2018. Personal Communication between Jeff Berglund, USFWS Fish and Wildlife Biologist, Federal Activities, Section 7, to John Beaver, WESTECH Sr. Biologist. December 19, 2018.
- Bernardino, J., K. Bevanger, R. Barrientos, J.F. Dwyer, A.T. Marques, R.C. Martins, J.M. Shaw, J.P. Silva, and F. Moreira. 2018. "Bird Collisions with Power Lines: State of the Art and Priority Areas for Research." *Biological Conservation* 222: 1-13. doi: https://doi.org/10.1016/j.biocon.2018.02.029.
- Besken, C. 2008. Personal Communication between C. Besken (USFWS) and P. Lorenz (AECOM). June 11, 2008.
- BLM (U.S. Bureau of Land Management). 2019. *Biological Assessment for the Keystone XL Project.* Amended November 26, 2019.
- **BLM.** 2015a. *HiLine District Office Greater Sage-Grouse Approved Resource Management Plan.* Accessed January 2019 at https://eplanning.blm.gov/epl-frontoffice/projects/lup/68346/88890/106398/HiLine\_ARMP\_2015.pdf.
- BLM. 2015b. South Dakota Approved Resource Management Plan. Accessed January 2019 at https://www.blm.gov/sites/blm.gov/files/South%20Dakota%20Approved%20RMP.pdf.
- BNSF. 2018. BNSF Plans \$110 Million Capital Program in Nebraska for 2018. February 27. Accessed at http://www.bnsf.com/news-media/news-releases/bnsf-capital-plan-nebraska-2018.html.
- BNSF. 2017. Intermodal Map. Accessed at http://www.bnsf.com/ship-with-bnsf/maps-and-shipping-locations/pdf/intermodal-map-large.pdf.
- Boden, T.A., G. Marland and R.J. Andres. 2017. Global CO2 Emissions from Fossil-Fuel Burning, Cement Manufacture, and Gas Flaring: 1751-2014. Carbon Dioxide Information Analysis Center, Oak Ridge National Laboratory, U.S. Department of Energy, Oak Ridge, Tennessee. March 3, 2017
- Bolt, Beranek and Newman. 1971. Noise from Construction Equipment and Operations, Building Equipment, and Home Appliances. Prepared for the U.S. Environmental Protection Agency, Office of Noise Abatement and Control, Washington, D.C. December 31, 1971.

- Borunda, A. 2019. "2018 Was the Ocean's Hottest Year. We'll Feel It A Long Time." *National Geographic*. January 16, 2019. Accessed January 16, 2019 at https://www.nationalgeographic. com/environment/2019/01/oceans-warming-faster-than-ever/.
- Brandt, A.R. 2012. Variability and Uncertainty in Life Cycle Assessment Models for Greenhouse Gas Emissions from Canadian Oil Sands Production. Environmental Science and Technology. 46(2): 1253-1261.
- Brandt, A.R. 2011. Oil Depletion and the Energy Efficiency of Oil Production: The Case of California. Sustainability. 3(10): 1833-1854.
- Brandt, A.R., T. Yeskoo, S. McNally, K. Vafi, H. Cai and M.Q. Wang. 2015. Energy Intensity and Greenhouse Gas Emissions from Crude Oil Production in the Bakken Formation: Input Data and Analysis Methods. Energy Systems Division, Argonne National Laboratory. September 2015.
- Brown W.M. & Drewien R.C. 1995. Evaluation of two power line markers to reduce crane and waterfowl collision mortality. *Wildlife Society Bulletin* 23: 217-227.
- Brown, W. M., R. C. Drewien, and E. G. Bizeau. 1987. "Mortality of Cranes and Waterfowl from Power Line Collisions in the San Luis Valley, Colorado." In *Proceedings of the 1985 Crane Workshop*, edited by J. C. Lewis, 128–136. Platte River Whooping Crane Habitat Maintenance Trust.

Bugh, A. and R. Larson. 2018. *Status of Wind Energy in Montana*. Accessed December 6, 2019 at http://www.montana.edu/wind/documents/Montana%20Wind%20Status%20Report.pdf.

- Burchett, R.R. 1986. Geologic Bedrock Map of Nebraska. Nebraska Geological Survey. Scale 1:1,000,000. [geographic database of geologic units and structural features in Nebraska). Accessed at https://mrdata.usgs.gov/geology/state/state.php?state=NE.
- Butler, M.J. and W. Harrell. 2019. Whooping Crane Survey Results: Winter 2018-2019. Accessed September 16, 2019 at https://friendsofthewildwhoopers.org/whooping-crane-survey-result-winter-2018-2019/.

## Butler, M.J., G. Harris, and B.N. Strobel. 2013. "Influence of whooping crane population dynamics on its recovery and management." *Biological Conservation* 162: 89-99.

- Cai, H., A.R. Brandt, S. Yeh, J.G. Englander, J. Han, A. Elgowainy and M.Q. Wang. 2015. Well-to-Wheels Greenhouse Gas Emissions of Canadian Oil Sands Products: Implications for U.S. Petroleum Fuels. Environmental Science and Technology. 49(13): 8219-8227.
- CAPP (Canada's Oil and Natural Gas Producers). 2018. 2018 Crude Oil Forecast, Markets and Transportation. Accessed January 2018 at https://www.capp.ca/publications-and-statistics/publications/320294.
- CAPP. 2018b. Statistical Handbook for Canada's Upstream Petroleum Industry. 2018-9999. February 2018. Accessed December 21, 2018 at https://www.capp.ca/publications-and-statistics/ publications/316778.
- Carter, T.C., and G.A. Feldhamer. 2005. "Roost Tree Use by Maternity Colonies of Indiana Bats and Northern Long-eared Bats in Southern Illinois." *Forest Ecology and Management* 219: 259-268.
- Central Flyway Council. 2013. Letter to the U.S. Fish and Wildlife Service Division of Policy and Directives Management. November 26, 2013.

- CEQ (Council on Environmental Quality). 2005. Guidance on the Consideration of Past Actions in Cumulative Effects Analysis. Interagency Memorandum from Connaughton, J.L. June 24, 2005.
- CEQ. 1997a. Environmental Justice: Guidance Under the National Environmental Policy Act. Washington, D.C. December 10, 1997.
- CEQ. 1997b. Considering Cumulative Effects under the National Environmental Policy Act. January. Accessed at https://www.energy.gov/sites/prod/files/ nepapub/nepa\_documents/RedDont/G-CEQ-ConsidCumulEffects.pdf.
- Chapman, S.S., J.M. Omernik, J.A. Freeouf, D.G. Huggins, J.R McCauley, C.C. Freeman, G. Steinauer, R.T. Angelo, R.L. Schlepp. 2001. Ecoregions of Nebraska and Kansas (color poster with map, descriptive text, summary tables, and photographs): Reston, Virginia. U.S. Geological Survey (map scale 1:1,950,000).
- Cheng et al. 2019a. Cheng, L., J. Abraham, Z. Hausfather, and K.E. Trenberth. How fast are the oceans warming? Science, Volume 363 (6423), 128-129. Review Article. Accessed January 18, 2019 at http://science.sciencemag.org/content/363/6423/128.
- Cheng et al. 2019b. Cheng, L., J. Zhu, J. Abraham, K.E. Trenberth, J.T. Fasullo, B. Zhang, F. Yu, L. Wan, X. Chen, and X. Song. 2018 Continues Record Global Ocean Warming. Advances in Atmospheric Sciences, Volume 36, 249-252. Accessed January 21 at https://link.springer.com/article/10.1007%2Fs00376-019-8276-x.
- Cohen, J. B., S. M. Karpanty, J. D. Fraser and B. R. Truitt. 2010. "The Effect of Benthic Prey Abundance and Size on Red Knot (*Calidriscanutus*) Distribution at an Alternative Migratory Stopover Site on the U.S. Atlantic Coast." *Journal of Ornithology* 151: 355-364.
- Cohen, J. B., S. M. Karpanty, J. D. Fraser, B. D. Watts, and B. R. Truitt. 2009. "Residence Probability and Population Size of Red Knots During Spring Stopover in the Mid-Atlantic Region of the United States." *Journal of Wildlife Management* 73, no. 6: 939–945.
- Colavecchia, M.V., P.V. Hodson and J.L. Parrott. 2007. "The Relationships among CYP1A Induction, Toxicity, and Eye Pathology in Early Life Stages of Fish Exposed to Oil Sands." Journal of Toxicology and Environmental Health. 70(18):1542-1555.
- Colavecchia, M.V., P.V. Hodson and J.L. Parrott. 2006. "CYP1A Induction and Blue Sac Disease in Early Life Stages of White Suckers (Catostomus commersoni) Exposed to Oil Sands." Journal of Toxicology and Environmental Health. 69(10):967-994.
- Colavecchia, M.V., S.M. Backus, P.V. Hodson and J.L. Parrott. 2004. "Toxicity of Oil Sands to Early Life Stages of Fathead Minnows (Pimephales promelas)." Environmental Toxicology and Chemistry. 23(7):1709-1718.
- Colfax County. 2014. Nebraska Comprehensive Development Plan. Accessed on May 23, 2018 at http://www.colfaxne.com/pdfs/planning\_zoning/Comprehensive\_Plan.pdf.
- Community Network. 2018. Nebraska Fire Departments. Online Database. Accessed on May 17, 2018 and January 2019 at https://www.firedepartment.net/directory/nebraska.
- ConocoPhillips. 2014. Safety Data Sheet for Bakken Crude Oil, Sweet. Accessed May 11, 2018 at http://www.conocophillips.com/sustainable-development/Documents/2014.05.30%20825378%20 Bakken%20Crude%20Oil,%20Sweet.pdf.

- Cooney, G., M. Jamieson, J. Marriott, J. Bergerson, A. Brandt and T.J. Skone. 2017. Updating the U.S. Life Cycle GHG Petroleum Baseline to 2014 with Projections to 2040 Using Open-Source Engineering-Based Models. Environmental Science and Technology. 51(2): 977-987.
- Cowardin, L.M., V. Carter, F.C. Golet, and E.T. LaRoe. 1979. Classification of Wetlands and Deepwater Habitats of the United States. (FWS/OBS-1979.) U.S. Department of the Interior. U.S. Fish and Wildlife Service. Office of Biological Services. Washington, DC. 131 pp.
- Creighton, J. C., C. C. Vaughn, and B. R. Chapman. 1993. "Habitat Preference of the Endangered American Burying Beetle (*Nicrophorus americanus*) in Oklahoma." *The Southwestern Naturalist* 38, no. 3: 275-306.
- Crosby, S., R. Fay, C. Groark, A. Kani, J.R. Smith and T. Sullivan. 2013. Transporting Alberta's Oil Sands Products: Defining the Issues and Assessing the Risks. NOAA Technical Memorandum. NOS OR&R 44. Seattle, Washington. September 2013.
- Crude Quality, Inc. 2018a. Crude Quality Data Summary, Suncor Synthetic A. Sample Date May 7, 2018. Accessed June 14, 2018 at http://crudemonitor.ca/crudes/index.php?acr=OSA.
- Crude Quality, Inc. 2018b. Crude Quality Data Summary, Western Canada Dilbit. Sample Date April 1, 2018. Accessed June 14, 2018 at http://crudemonitor.ca/crudes/index.php?acr=WDB.
- Crude Quality, Inc. 2015. "Canadian Crude Quick Reference Guide." July 8, 2015. Accessed June 14, 2018 at http://www.crudemonitor.ca/tools/Quick\_Reference\_Guide.pdf.
- Canadian Wildlife Service and U.S. Fish and Wildlife Service (CWS and USFWS). 2007. International Recovery Plan for the Whooping Crane. Ottawa: Recovery of Nationally Endangered Wildlife (RENEW) and USFWS.
- Canadian Wildlife Service and U.S. Fish and Wildlife Service (CWS and USFWS). 2005. Draft International Recovery Plan for the Whooping Crane. Ottawa: Recovery of Nationally Endangered Wildlife (RENEW) and USFWS.
- Diffendorfer, J. E., R. Compton, L. Kramer, Z. Ancona and Norton, D. 2014. Onshore industrial wind turbine locations for the United States through July, 2013. U.S. Geological Survey Data Series Technical Report 817 *in* Pearse, A.T., D.A. Brandt, and G.L Krapu. 2016. Wintering Sandhill crane exposure to wind energy development in the central and southern Great Plains, USA. *The Condor* 18(2): 391-401.
- Divine, D.P. and S.S. Sibray. 2017. An Overview of Secondary Aquifers in Nebraska. Educational Circular No. 26. 44 pages. July. Accessed at http://nebraskamaps.unl.edu/catalogue-singleitem.asp?sku=EC-26.
- Dlugokencky, E. and P. Tans. 2018. "Globally Averaged Marine Surface Annual Mean Data." Earth Systems Research Laboratory, National Oceanic and Atmospheric Administration. Last updated May 6, 2018. Accessed May 20, 2018 at http://www.esrl.noaa.gov/gmd/ccgg/trends/global.html.
- Dubovsky, J.A. 2018. Status and harvests of sandhill cranes: Mid-Continent, Rocky Mountain, Lower Colorado River Valley and Eastern Populations. Administrative Report, U.S. Fish and Wildlife Service, Lakewood, Colorado. 15pp + tables and figures.
- Dwyer, J.F., A.K. Pandey, L.A. McHale, R.E. Harness. 2019. Near-ultraviolet light reduced sandhill crane collisions with a power line by 98%. The Condor: Ornithological Applications 121(2): 1-10.

- eBird. 2019. eBird: An Online Database of Bird Distribution and Abundance. Cornell Lab of Ornithology, Ithaca, New York. Accessed September 15, 2019 at https://ebird.org/home.
- EcoCentrics and Westech. 2018. Union Creek Topeka Shiner Survey Report. Project Number: TAL-00050388-60.
- Egan, M. 2016. Keystone pipeline has reopened. April 11, 2016. Accessed May 23, 2018 at http://money.cnn.com/2016/04/07/news/keystone-oil-spill-south-dakota/index.html.
- EIA (U.S. Energy Information Administration). 2019. Annual Energy Outlook 2019 with Projections to 2050. U.S. Energy Information Administration. Office of Energy Analysis. U.S. Department of Energy. Washington DC. January 24, 2019.
- EIA 2018a. Annual Energy Outlook 2018 with Projections to 2050. U.S. Energy Information Administration. Office of Energy Analysis. U.S. Department of Energy. Washington DC. February 6, 2018.
- EIA. 2018b. "Petroleum & Other Liquids Product Supplied U.S." Accessed December 21, 2018 at https://www.eia.gov/dnav/pet/pet\_cons\_psup\_dc\_nus\_mbbl\_a.htm.
- EIA. 2018c. "Petroleum & Other Liquids Exports by Destination Petroleum Coke." Accessed December 21, 2018 at https://www.eia.gov/dnav/pet/pet\_move\_expc\_a\_EPPC\_EEX\_mbbl\_a.htm.
- EIA. 2018d. "Petroleum & Other Liquids Exports U.S." Accessed December 21, 2018 at https://www.eia.gov/dnav/pet/pet\_move\_exp\_dc\_NUS-Z00\_mbbl\_m.htm.
- EIA. 2017. International Energy Outlook 2017. U.S. Energy Information Administration. September 14, 2017.
- Emissions Reduction Alberta. 2019. "In-Pit Extraction Process." Accessed April 3, 2019 at https://eralberta.ca/projects/details/in-pit-extraction-process/.
- Enbridge. 2018. Spectra Asset Map. Platte Pipeline. Accessed May 2018. Accessed at http://nustarenergy.com/en-us/OurBusiness/map/Pages/default.aspx.
- Englander, J.G. and A.R. Brandt. 2014. Oil Sands Energy Intensity Analysis for GREET Model Update. Technical Documentation. Stanford University Department of Energy Resources Engineering. October 31, 2013, revised May 14, 2014.
- Englander, J.G., S. Bharadwaj and A.R. Brandt. 2013. Historical trends in greenhouse gas emissions of the Alberta oil sands (1970-2010). *Environmental Research Letters*. 8(4):1-7.
- Erickson, P. 2018. Confronting carbon lock-in: Canada's oil sands. Stockholm Environment Institute. Seattle, WA. May 2018.
- Erickson, P. and M. Lazarus. 2018. Would constraining US fossil fuel production affect global CO<sub>2</sub> emissions? A case study of US leasing policy. *Nature Climate Change*. 150:29-42.
- Erickson, P. and M. Lazarus. 2014. Impact of the Keystone XL Pipeline on Global Oil Markets and Greenhouse Gas Emissions. *Nature Climate Change*. 4:778-781.
- Etheridge, D.M., L.P. Steele, R.L. Langenfelds, R.J. Francey, J.M. Barnola and V.I. Morgan. 1998. "Historical CO2 records from the Law Dome DE08, DE08-2, and DSS ice cores." In Trends: A Compendium of Data on Global Change. Carbon Dioxide Information Analysis Center, Oak Ridge National Laboratory, U.S. Department of Energy. Oak Ridge, Tennessee.

- Ethnoscience. 2018. Class III Cultural Resource Inventory for Proposed Construction Camp in Haakon County, South Dakota. Memorandum KXL1399-EXP-EN-MM-0007. Project Number: TAL-00050388-60.
- European Commission 2018. EDGAR Emissions Database for Global Atmospheric Research. European Commission – Joint Research Center. Accessed May 8, 2018 at http://edgar.jrc.ec.europa.eu/overview.php?v=CO2andGHG1970-2016.
- Executive Order 11988. May 24, 1977. Floodplain Management. Federal Register [Volume 42, Number 101]. May 25, 1977.
- Exp (Exp Energy Services Inc). 2018. TransCanada Keystone Pipeline, L.P. Keystone XL Pipeline: Nebraska Environmental Report. April 19, 2018.
- Exp. 2013. Class III Cultural Resources Survey for the Keystone XL Project, Dawson, Fallon, McCone, Phillips. Prairie, Roosevelt, Sheridan, and Valley Counties, Montana. Addendum No. 7: Additional Fieldwork Results.
- Exp and American Resources Group, Ltd. 2018a. *Phase I Cultural Resources Survey Report Nebraska Mainline Alternative Route*. Addendum No. 15. Project Number: TAL-00050388-60.
- Exp and American Resources Group, Ltd. 2018b. *Phase 1 Cultural Resources Survey Report Nebraska Mainline Alternative Route*. Addendum No. 16. Project Number: TAL-00050388-60.
- Exp and Ethnoscience. 2019a. Keystone XL Pipeline Class III Cultural Resources Survey Report Montana. Addendum No. 9: Additional Fieldwork Results. Project Number: TAL-00050388-60.
- Exp and Ethnoscience. 2019b. Keystone XL Pipeline Level III Cultural Resources Report South Dakota. Addendum No. 11: Additional Fieldwork Results. Project Number: TAL-00050388-60.
- Exp and Ethnoscience. 2018a. *Keystone XL Pipeline Class III Cultural Survey Report Montana*. Addendum No. 9.
- Exp and Ethnoscience. 2018b. Keystone XL Pipeline Level III Cultural Resources Report South Dakota. Addendum No. 10: Additional Fieldwork Results. Project Number: TAL-00050388-60.
- Exp and Hoback Consulting Inc. 2018. American Burying Beetle Survey Report Nebraska Mainline Alternative Route. Project Number: TAL-00050388-60.
- Exp and Paleo Solutions Inc. 2019a. *Paleontological Survey Report -2018 Field Surveys, Montana Federal Lands*. BLM Report #18-MT-064-005P. January 29, 2019.
- Exp and Paleo Solutions Inc. 2019b. *Paleontological Survey Report –2018 Field Surveys, South Dakota Private Lands*. January 29, 2019. Project Number: TAL-00050388-60.
- Exp and Paleo Solutions Inc. 2019c. Paleontological Survey Report 2018 Field Surveys, Nebraska Private Lands. January 29, 2019. Project Number: TAL-00050388-60.
- Exp and Paleo Solutions Inc. 2018. *Paleontological Survey Report Nebraska Mainline Alternative Route*. Project Number: TAL-00050388-60.
- Exp and Westech. 2018a. Wetland Delineation and Waterbody Survey Report Nebraska Mainline Alternative Route. Project Number: TAL-00050388-6060.29.
- Exp and Westech. 2018b. Northern Long-Eared Bat Habitat Survey Nebraska Mainline Alternative Route. Project Number: TAL-00050388-6060.

- Exp and Westech. 2018c. Western Prairie Fringed Orchid and Small White Lady's Slipper Habitat Survey Report Nebraska Mainline Alternative Route. Project Number: TAL-00050388-6060 Transmitted.
- Federal Highway Administration. 2019. America's Byways Website and Online Map. Accessed January 2019 at https://www.fhwa.dot.gov/byways/.
- Fariello, T. 2013. Letter communication from Theresa Fariello (Exxon Mobil Corporation) to Ed Markey (United States Representative), providing response to March 29 letter regarding Pegasus pipeline incident. May 28, 2013.
- FEMA (Federal Emergency Management Agency). 2018. National Flood Hazard Layer. Washington, D.C. Accessed June 5, 2018 at https://www.floodmaps.fema.gov/NFHL/status.shtml.
- FEMA. 2017. National Flood Insurance Program, Flood Insurance Definitions. Last updated November 30, 2017. Accessed at http://www.fema.gov/national-flood-insuranceprogram/ definitions.
- Fitzsimmons, O. 2011. "Red Knots and Red Tides." *The Brown Pelican: The Newsletter of the Coastal Bend Audubon Society* 2011: 3.
- Fjetland, C. A. 1987. "Comments on Whooping Crane Recovery Activities." In Proceedings of the 1985 North American Crane Workshop, edited by C. Lewis. Platte River Whooping Crane Maintenance Trust and U.S. Fish and Wildlife Service.
- Fort Peck Assiniboine & Sioux Tribes. 2019. An Ethnographic Narrative and Site Revisit of Seven Potential TCP Sites along the Keystone XL Pipeline Project in Phillips and Valley Counties, Montana. January 2019.
- Foster, R.W., and A. Kurta. 1999. "Roosting Ecology of the Northern Bat (Myotis septentonalis) and Comparisons with the Endangered Indiana Bat (Myotis sodalis). Journal of Mammalogy 80: 659- 672.
- Fronczak, D. L., T. R. Cooper, D. E. Andersen, and E. E. Hanna. 2015. Annual survival rate estimate of satellite transmitter-marked eastern population Greater Sandhill Cranes. *Journal of Fish and Wildlife Management* 6:464-471
- Frosch, D. 2013. Oil Spill in North Dakota Raises Detection Concerns. The New York Times. October 23, 2013. Accessed May 17, 2018 at https://www.nytimes.com/2013/10/24/us/oil-spillin-north-dakota-raises-detection-concerns.html.
- GANDA (Garcia and Associates). 2014. Cultural Resource Investigation of the PS-09 Transmission Line in Phillips County, Montana. Addendum 1: Additional Fieldwork—PS-09 Alternative Alignment. Agency Document Number 13-MT-065-002.
- GANDA. 2013. Cultural Resource Investigation of the PS-09 Transmission Line in Phillips County, Montana. Agency Document Number 13-MT-065-002.
- GANDA. 2011. Natural and Cultural Resource Surveys for the McCone PS-12 Re-route Section of the Keystone XL Transmission Line, Circle, Montana.
- Gil de Weir, K. 2006. Whooping crane (*Grus americana*) demography and environmental factors in a population growth simulation model. Ph.D. dissertation, Texas A & M University.
- Goodman, R. Undated. Oil on Water Sheens. Innovative Ventures, Ltd. Accessed March 25, 2019 at https://www.wcss.ab.ca/documents/OILONWATERSHEENS.pdf.

- Google Earth. 2018a. Nebraska. Map data: Google. Accessed at https://www.google.com/earth/.
- Google Earth. 2018b. Digital Data Collection for Structures within half mile of MAR. Imagery dated 2018. Accessed May 29-31, 2018 at https://www.google.com/earth/.
- Goss and Associates. 2018. The Estimated State and Local Tax impacts of the Keystone XL Pipeline on Nebraska and Its Counties. March 18, 2018. Accessed on May 17, 2018.
- Government of Alberta. 2019a. "Province eases oil production limits." January 30, 2019. Accessed February 15, 2019 at https://www.alberta.ca/release.cfm?xID=6243645C1BDD2-A677-18B2-5DA9B0D797503751.
- Government of Alberta. 2019b. "Crude oil by rail." Accessed February 15, 2019 at https://www.alberta.ca/oil-by-rail.aspx.
- Gratto-Trevor, C.L., V.H. Johnston, and S.T. Pepper. 2001. "Evidence for Declines in Arctic Populations of Shorebirds." *Bird Trends* 8: 27-29.
- Haig, S.M. 1986. *Piping Plover Species Distribution*. Endangered Species Information System Workbook I. U.S. Fish and Wildlife Service.
- Haig, S.M., and J.H. Plissner. 1993. "Distribution and Abundance of Piping Plover: Results and Implications of the 1991 Census." *Condor* 95: 145-156.
- Harrington, B. 2001. "Red Knot (*Calidris canutus*)." In *The Birds of North America*. Ithaca: Cornell Lab of Ornithology.
- Hefflinger, M. 2018. "In Historic First, Nebraska Farmer Returns Land to Ponce Tribe Along "Trail of Tears." Bold Nebraska. June 11, 2018. Accessed January 14, 2019 at http://boldnebraska.org/ in-historic-first-nebraska-farmer-returns-land-to-ponca-tribe-along-trail-of-tears/.
- Henderson, L.E., and H.G. Broders. 2008. "Movements and Resource Selection of the Northern Long-eared Myotis (*Myotis septentrionalis*) in a Forest-agriculture Landscape." *Journal of Mammalogy* 89: 952-963.
- Hoback, W. 2016. *Effects of Compaction and Soil Moisture on American Burying Beetles*. Nebraska Department of Roads and the Federal Highway Administration. Report No. SPR-P1(15) M049.
- Hogberg, L.K., K.J. Patriquin, and R.M.R. Barclay. 2002. "Use by Bats of Patches of Residual Trees in Logged Areas of Boreal Forest." *American Midland Naturalist* 148: 282-288.
- Hoover & Keith, Inc. 2008. Alberta Clipper Project Ambient Sound Survey and Noise Impact Evaluation for Deer River Station, Clearbrook Station, and Viking Station. H&K Report No. 2255. July 31, 2008.
- Hötker, H. 2017. "Birds: Displacement." In Wildlife and Wind Farms, Conflicts and Solutions, Volume 1 Onshore: Potential Effects, edited by Martin Perrow. Exeter, UK: Pelagic Publishing.
- HUD (Housing and Urban Development). 1985. The Noise Guidebook. Office of Environment and Energy. HUD-953-CPD. March.
- Hurst Metallurgical Research Laboratory, Inc. 2013. Metallurgical Investigation of a Fractured Section of the 20" O.D. Pipeline at Milepost 314.77 in the Conway to Corsicana Segment of the Pegasus Crude Oil Pipeline. Prepared for ExxonMobil Pipeline Company and the Pipeline and Hazardous Materials Safety Administration pursuant to Corrective Action Order CPF 4-2013-5006H. Report No. 64961, Rev. 1. July 9, 2013.

- Hydrocarbons Technology. 2018. TransCanada's Gulf Coast Pipeline Project, US. Accessed December 19, 2018 at https://www.hydrocarbons-technology.com/projects/gulf-coast-pipelineus-transcanada/.
- Howe, M.A. 1989. Migration of radio-marked whooping cranes from the Aransas-Wood Buffalo Population: Patterns of habitat use, behavior, and survival. U.S. Fish and Wildlife Service, Technical Report 21.
- ICF (International Crane Foundation). 2018. Whooping Crane *Grus Americana*. Accessed January 1, 2019 at https://www.savingcranes.org/species-field-guide/whooping-crane/.
- Idcide 2018. Nebraska Weather. Tilden, Nebraska weather data accessed May 18, 2018 at https://www.idcide.com/weather/ne/tilden.htm and Plymouth, Nebraska weather data accessed May 18, 2018 at https://www.idcide.com/weather/ne/plymouth.htm.

IEA (International Energy Agency). 2019. World Energy Outlook: Energy and Climate Change. Accessed December 1, 2019 at https://www.iea.org/weo/energyandclimatechange/.

- IHS Markit. 2018a. Assessment of Western Canadian Energy Market. Report Prepared for: TransCanada Pipelines. December 14, 2018.
- IHS Markit. 2018b. Greenhouse gas intensity of oil sands production: Today and in the future. Canadian Oil Sands Dialogue Strategic Report. September 2018.
- Ingrahm, C. 2018. "Wildfires have gotten bigger in recent years, and the trend is likely to continue." *The Washington Post*. Accessed January 6, 2019 at https://www.washingtonpost.com/business/2018/08/14/wildfires-have-gotten-bigger-recent-years-trend-is-likely-continue/?noredirect= on&utm\_term=.ef048e8c7450.
- IPCC (Intergovernmental Panel on Climate Change). 2018. Global Warming of 1.5°C. An IPCC Special Report on the impacts of global warming of 1.5°C above pre-industrial levels and related global greenhouse gas emission pathways, in the context of strengthening the global response to the threat of climate change, sustainable development, and efforts to eradicate poverty. October 2018. World Meteorological Organization, Geneva, Switzerland. Accessed December 11, 2018 at https://www.ipcc.ch/sr15/.
- IPCC. 2014. Climate Change 2014: Synthesis Report. Contribution of Working Groups I, II and III to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change. Geneva, Switzerland.
- IPCC. 2007. Climate Change 2007: The Physical Science Basis. Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change. Geneva, Switzerland.
- Jenkins A., J. Smallie, and M. Diamond. 2010. "Avian Collisions with Power Lines: A Global Review of Causes and Mitigation with a South African Perspective." *Bird Conservation International* 20: 263-278.

## Johns, B.W., E.J. Woodsworth, and E.A. Driver. 1997. "Habitat Use by Migrant Whooping Cranes in Saskatchewan." *Proceedings North American Crane Workshop* 7: 123-131.

Jones and Stokes. 2004. Transportation- and Construction-Induced Vibration Guidance Manual. (J&S 02-039.) Sacramento, CA. Prepared for California Department of Transportation, Noise, Vibration, and Hazardous Waste Management Office, Sacramento, California. June 2004.

- Jorgensen, J. 2015. Nebraska's Newest "Threatened" Bird Nebraskaland. September 3, 2015. Accessed May 2018 at http://magazine.outdoornebraska.gov/2015/09/nebraskas-newest-threatened-bird/.
- Jorgensen, J. 2014. "Red Knot (*Calidris canutus*)—Its Distribution and Temporal Occurrence in Nebraska." Information based on species account from Sharpe et al. 2001, revised by W. Ross Silcock, 14 September 2014.
- Jung, T.S., I.D. Thompson, R.D. Titman, and A. Applejohn. 1999. "Habitat Selection by Forest Bats in Relation to Mixed-wood Stands Types and Structure in Central Ontario." *Journal* of Wildlife Management 63: 1306-1319.
- Jurzenski, J., D.G. Snethen, M.L. Brust, and W.W. Hoback. 2011. "New Records of Carrion Beetles in Nebraska Reveal Increased Presence of the American Burying Beetle, *Nicrophorus americanus* Oliver (Coleoptera: Silphicae)." *Great Plains Research* 21: 131-143.
- Kansas Department of Health and the Environment. 2019. Drinking Water Watch, Water System Search. Drinking Water Branch. Online database. Accessed January 2019 at http://dww.kdhe.state.ks.us:8080/DWW/KSindex.jsp.
- Kansas Energy Information Network. 2014. Nebraska Operating and Proposed Wind Projects (Map) February. Accessed at http://www.kansasenergy.org/documents/NE\_WindFarms.pdf.
- Keesom, W., J. Bleiszner and S. Unnasch. 2012. EU Pathway Study: Life Cycle Assessment of Crude Oils in a European Context. Prepared for Alberta Petroleum Marketing Commission by Jacobs Consultancy. March 2012.
- Keesom, W., S. Unnasch and J. Moretta. 2009. Life Cycle Assessment Comparison of North American and Imported Crudes. Prepared for Alberta Energy Research Institute by Jacobs Consultancy. July 2009.
- Kuyt, E. 1992. "Aerial Radio-tracking of Whooping Cranes Migrating between Wood Buffalo National Park and Aransas National Wildlife Refuge, 1981-1984." Occasional Paper Number 74. Canadian Wildlife Service. Ottawa, Canada.
- Lacki, M.J., and J. Schwierjohann. 2001. "Day Roost Characteristics of Northern Bats in Mixed Mesophytic Forest." *Journal of Wildlife Management* 65: 482-488.
- Lamancusa, J. 2009. "Noise Control Outdoor Sound Propagation." Pennsylvania State University, Department of Mechanical and Nuclear Engineering. July 20, 2009. Accessed May 25, 2018 at http://www.mne.psu.edu/lamancusa/me458/10\_osp.pdf.
- Laurenzi, I.J., J.A. Bergerson, and K. Motazedi. 2016. Life cycle greenhouse gas emissions and freshwater consumption associated with Bakken tight oil. PNAS (Proceedings of the National Academy of Sciences). 113 (48): E7672-E7680.
- Leasure, D.R. and W.W. Hoback. 2017. "Distribution and Habitat of Endangered American Burying Beetle in Northern and Southern Regions." *Journal of Insect Conservation* 21:75– 86. doi: 10.1007/s10841-017-9955-5.
- Lee, K., M. Boudreau, J. Bugden, L. Burridge, S.E. Cobanil, S. Courtenay, S. Grenon, B. Hellebone,
  P. Kepkay, Z. Li, M. Lyons, H. Niu, T.L. King, S. MacDonald, E.C. McInyre, B. Robinson,
  S.A. Ryan and G. Wohlgeschaffen. 2011. State of Knowledge Review of Fate and Effect of Oil in the Artic Marine Environment. National Energy Board of Canada.

- Lewis, J. C., E. Kuyt, K. E. Schwindt, and T. V. Stehn. 1992. "Mortality in Fledged Whooping Cranes of the Aransas/Wood Buffalo Population." In *Proceedings of the 1988 North American Crane Workshop*, edited by D. Wood, 145–148. Lake Wales, Florida: State of Florida Game and Fresh Water Fish Commission.
- Lingle, G.R. 1987. "Status of Whooping Crane Migration Habitat within the Great Plains of North America." In *Proceedings of the 1985 Crane Workshop*, edited by J.C. Lewis and J. Zewitz, 331-340. Grand Island, Nebraska: Platte River Whooping Crane Habitat Maintenance Trust and USFWS.
- Liu, D. and Lipták, B. 1997. Environmental Engineers' Handbook. 2nd Edition. Lewis Publishers.
- Magellan Midstream Partners. 2018. Refined Products. Assets and Map. Accessed at https://www.magellanlp.com/WhatWeDo/RefinedProducts.aspx.
- Masnadi, M.S., H.M. El-Houjeiri, D. Schunack, Y. Li, J.G. Englander, A. Badahdah, J.C. Monfort, J.E. Anderson, T.J. Wallington, J.A. Bergerson, D. Gordon, J. Koomey, S. Przesmitzki, I.L. Azevedo, X.T. Bi, J.E. Duffy, G.A. Heath, G.A. Keoleian, C. McGlade, D.N. Meehan, S. Yeh, F. You, M. Wang, and A.R. Brandt. 2018. Global carbon intensity of crude oil production. *Science*. 361 (6405): 851-853.
- Mason, J.A., and R.M. Joeckel. 2007. Fluvial geology in eastern Nebraska. Conservation and Survey Division, School of Natural Resources, University of Nebraska-Lincoln.
- MassDEP (Commonwealth of Massachusetts Department of Environmental Protection). 2015. Bakken Crude Oil Spills – Response Options and Environmental Impacts. June 2015. Accessed May 11, 2018 at http://www.mass.gov/eea/docs/dep/cleanup/laws/bakken-crude-oil-spillsresponse-options-and-environmental-impacts.pdf.
- McCorquodale, S. 2013. "A Brief Review of the Scientific Literature on Elk, Roads, & Traffic." Washington Department of Fish and Wildlife Publication 01491. Accessed January 23, 2019 at https://wdfw.wa.gov/publications/01491/.
- McGlade, C. and P. Elkins. 2015. The geographical distribution of fossil fuels unused when limiting global warming to 2°C. Nature, 517: 187-190.
- MDEQ (Montana Department of Environmental Quality). 2018. State Drinking Water Information System. Drinking Water Branch. Accessed December 2018 at http://sdwisdww.mt.gov:8080/DWW/.
- MDEQ. 2017. "Legal Order Finalized for 2015 Oil Spill in Yellowstone River near Glendive." February 9, 2017. Accessed May 11, 2018 at http://deq.mt.gov/Public/PressRelease/ArtMID/39110/ ArticleID/5712/Legal-Order-Finalized-for-2015-Oil-Spill-in-Yellowstone-River-near-Glendive.
- MDEQ. 2016a. "Silvertip Oil Spill." Accessed May 11, 2018 at http://deq.mt.gov/Land/statesuperfund/ silvertipoilspill.
- MDEQ. 2016b. "Bridger Pipeline's Oil Spill on the Yellowstone River near Glendive." Accessed May 11, 2018 at http://deq.mt.gov/DEQAdmin/dir/postresponse/yellowstonespill2015.
- MDEQ. 2004. Fallon Water Well Association Source Water Delineation and Assessment Report. December 9, 2004.
- Melillo, J. M., T.C. Richmond and G.W. Yohe, Eds. 2014. Highlights of Climate Change Impacts in the United States: The Third National Climate Assessment. U.S. Global Change Research Program. 2014.

- Menzel, M.A., S.F. Owen, W.M. Ford, J.W. Edwards, P.B. Wood, B.R. Chapman, and K.V. Miller. 2002. "Roost Tree Selection by Northern Long-eared Bat (*Myotis septentrionalis*) Maternity Colonies in an Industrial Forest of the Central Appalachian Mountains." *Forest Ecology and Management* 155: 107-114.
- Michel, J. and N. Rutherford. 2013. Oil Spills in Marshes: Planning & Response Considerations. U.S. Department of Commerce and American Petroleum Institute. September 2013.
- Michigan Department of Community Health. 2014. Public Health Assessment. Evaluation of Air Contamination: Kalamazoo River Enbridge Oil Spill, Calhoun and Kalamazoo Counties, Michigan. Public Comment Release. August 26, 2014.
- Millington, D. 2018. Canadian Oil Sands Supply Costs and Development Projects (2018-2038). Canadian Energy Research Institute. May 2018.
- Milne, L.J., and M.J. Milne. 1976. "The Social Behavior of Burying Beetles." *Scientific American* 235:84-89.
- Minnesota Pipe Line Company. 2018. Minnesota Pipe Line Reliability Project. Accessed December 19, 2018 at https://www.minnesotapipeline.com/minnesota-pipe-line-reliability-project/.
- Minnesota Public Utilities Commission. 2018. Enbridge Line 3 Pipeline Replacement Project. Accessed December 19, 2018 at https://mn.gov/puc/line3/.
- Montana Audubon. 2015a. Important Bird Area Maps. Accessed January 14, 2019 at https://mtaudubon .org/birds-science/iba/maps/.
- Montana Audobon. 2015b. GIS Shapefiles for Montana's IBAs.
- Montana Department of Natural Resources Conservation. 2019. Water Right Query System. Advanced Water Rights Search. Online database. Accessed January 2019 at http://wrqs.dnrc.mt.gov/default.aspx.
- Montana Department of Public Health and Human Services. 2018. Designated Trauma Facilities. Accessed January 2019 at https://dphhs.mt.gov/publichealth/emsts/traumasystems/ designatedfacilities.
- Montana Department of Revenue. 2018. Taxes, Biennial Report—July 1, 2016 June 30, 2018. Accessed January 2019 at https://mtrevenue.gov/wp-content/uploads/2018/12/2016-2018-Biennial-Report.pdf.
- Montana Fish, Wildlife and Parks. 2019. "Big-Game Habitat Priority Areas Related to Secretarial Order 3362." GIS Shapefiles. September 4, 2019. Accessed September 24, 2019 at https://gis.fwp.mt.gov/arcgis105/rest/directories/arcgisoutput/webResources/metadata/wild/bigGa meHabitatPriorityAreas.htm.
- Montana Fish, Wildlife and Parks. 2018. "Montana State Parks Polygons." GIS Shapefiles. October 18, 2018. Accessed January 9, 2019 at http://gis.fwp.mt.gov/arcgis105/rest/directories/ arcgisoutput/webResources/metadata/fwplnd/stateParksPolys.htm.
- Montana Fish, Wildlife and Parks. 2015. "Oil Found in Glendive Fish; Consumption Advisory Remains." February 20, 2015. Accessed May 11, 2018 at http://fwp.mt.gov/news/ newsReleases/fishing/nr\_0887.html.

- Montana Interagency Access Council. 2018. Montana Access Guide to Federal and State Lands. September 2018. Accessed January 2019. at http://dnrc.mt.gov/divisions/trust/docs/mt-access-guide.
- Montana Natural Heritage Program (MNHP). 2019. Email from Bryce Maxell, MNHP Coordinator, to Andrew DeWitt, ERM, RE: Myotis septentrionalis data request. Received November 1, 2019.
- MNHP. 2018. Natural Heritage Map Viewer Red Knot and Northern Long-Eared Bat Generalized Observations. Accessed November 2, 2018. Retrieved from: http://mtnhp.org/mapviewer/.
- Mora C., D. Spirandelli, E.C. Franklin, J. Lynham, M.B. Kantar, W. Miles, C.Z. Smith, K. Freel, J. Moy, L.V. Louis, E.W. Barba, K. Bettinger, A.G. Frazier, J.F. Colburn IX, N. Hanasaki, E. Hawkins, Y. Hirabayashi, W. Knorr, C.M. Little, K. Emanuel, J. Sheffield, J.A. Patz, and C.L. Hunter. 2018. Broad Threat to Humanity from Cumulative Climate Hazards Intensified by Greenhouse Gas Emissions. *Nature Climate Change*, Volume 8, 1062-1071. Review Article. Accessed January 16, 2019 at https://www.nature.com/articles/s41558-018-0315-6.
- Morkill, A.E. 1990. "Effectiveness of Markers in Reducing Sandhill Crane Collisions with Power Lines," thesis, University of Wyoming, Laramie.
- Morkill, A.E., and S.H. Anderson. 1991. "Effectiveness of Marking Powerlines to Reduce Sandhill Crane Collisions." *Wildlife Society Bulletin* 19, no. 4: 442-449.
- Morrison-Maierle, Inc. 2011. Technical Memorandum Keystone XL Pipeline Yellowstone River Crossing Scour Analysis. Project No. 5022.001, November 22, 2011.
- MPCA (Minnesota Pollution Control Agency). 1999. A Guide to Noise Control in Minnesota. Acoustical Properties, Measurement, Analysis, Regulation. Minnesota Pollution Control Agency, Noise Program. Saint Paul, Minnesota. March 1999.
- Muhlbauer, W.K. 2004. Pipeline Risk Management Manual: Ideas, Techniques, and Resources. Third Edition. Gulf Professional Publishing. Burlington, Vermont.
- Murphy, R.K., J.F. Dwyer, E.K. ojica, M.M. cPherron, and R.E. Harness. 2016. "Reactions of Sandhill Cranes Approaching a Marked Transmission Power Line." *Journal of Fish and Wildlife Management* 7, no. 2: 480-489.
- Murphy, R.K., S.M. McPherron, G.D. Wright, and K.L. Serbousek. 2009. Effectiveness of Avian Collision Averters in Preventing Migratory Bird Mortality from Power Line Strikes in the Central Platte River, Nebraska 2008-2009 Final Report. Department of Biology, University of Nebraska-Kearney, Kearney, NE.
- NASA (National Aeronautics and Space Administration). 2017. NOAA Data Show 2016 Warmest Year on Record Globally. Published January 18, 2017. Accessed December 31, 2018 at https://www.nasa.gov/press-release/nasa-noaa-data-show-2016-warmest-year-on-record-globally.
- National Academies of Sciences, Engineering and Medicine. 2016. Spills of Diluted Bitumen from Pipelines: A Comparative Study of Environmental Fate, Effects, and Response. The National Academies Press. Washington, D.C. Accessed May 23, 2018 at http://www.nap.edu/read/21834/chapter/1.
- National Conservation Easement Database. 2019. Interactive Map. Accessed January 2019 at https://www.conservationeasement.us/interactivemap.

- National Hydrography Dataset. 2018. Waterbodies Crossings. Derived from National Hydrography Dataset, Desktop Analysis, and Field Surveys. Originators include Keystone Survey, WESTECH Environmental Services, and USGS.
- National Research Council. 2003. Oil in the Sea III: Inputs, Fates, and Effects. Divisions of Earth and Life Studies and Transportation Research Board. Washington, D.C.
- National Transportation Safety Board. 2012. Enbridge Incorporated, Hazardous Liquid Pipeline Rupture and Release, Marshall, Michigan, July 25, 2010. Pipeline Accident Report, NTSB/PAR-12/01, PB2012-916501. Notation 8423. Washington, D.C. July 10, 2012.
- National Wild and Scenic River System. 2019. Online Interactive Map. Accessed January 2019 at https://www.rivers.gov/map.php.
- Nature Saskatchewan. 2014. *Calidris canutus*, Red Knot. Accessed November 13, 2018 at http://www.naturesask.ca/rsu\_docs/red-knot.pdf.
- NatureServe. 2009. NatureServe Explorer: An Online Encyclopedia of Life. Version 7.1. Arlington, VA: NatureServe.
- NatureServe Explorer. 2018. An Online Encyclopedia of Life. Accessed May 24, 2018 and January 11, 2019 at http://explorer.natureserve.org/.
- Navarrete, L.M. and Griffis-Kyle, K.L. 2014. Sandhill Crane collisions with wind turbines in Texas. In Proceedings of the Twelfth North American Crane Workshop (Aborn, D. A. Editor). North American Crane Working Group, Baraboo, WI, USA. pp. 65–67.
- Navarro, V.C. 2013. PAHs: Comparative biotransformation and trophic transfer of their metabolites in the aquatic environment. University of Eastern Finland. 2013.
- NDEQ (Nebraska Department of Environmental Quality). 2018a. Nebraska Administrative Code. Nebraska Department of Environmental Quality. Title 129 – Air Quality Regulations. Accessed May 18, 2018 at http://deq.ne.gov/RuleAndR.nsf/RuleAndReg.xsp? documentId=13C412500B561A86862565E700771BB1&action=openDocument.
- NDEQ. 2018b. Public Inspection Draft. Draft Nebraska 2018 Ambient Air Monitoring Network Plan. Dated May 8, 2018. Accessed May 18, 2018 at http://deq.ne.gov/Publica.nsf/PubsForm. xsp?documentId=322A3CAA7E6787D586258283005E7BB9&action=OpenDocument.
- NDEQ. 2018c. Nebraska Air Quality Regulations. Title 129. Effective Date of Last Revision: July 20, 2016. Accessed May 18, 2018 at http://deq.ne.gov/RuleAndR.nsf/Title 129.xsp.
- NDEQ. 2018d. Wellhead Protection Areas (WHPA\_spf). Accessed April 2018 at http://deq.ne.gov/NDEQProg.nsf/OnWeb/WHPA.
- NDEQ. 2018e. 2018 Surface Water Quality Integrated Report. Water Quality Division. April 1. Accessed at http://deq.ne.gov/Publica.nsf/Pages/WAT251.
- NDEQ. 2017. 2017 Nebraska Groundwater Quality Monitoring Report. November 2017. Accessed October 18, 2018 at https://clearinghouse.nebraska.gov/CurrentReports/GW%20Report\_2017. 11.29\_small.pdf.
- NDEQ. 2016. 2016 Surface Water Quality Integrated Report. Water Quality Division. April 1. Accessed at http://deq.ne.gov/Publica.nsf/Pages/WAT234.
- NDEQ. 2013. Nebraska's Keystone XL Pipeline Evaluation. Final Evaluation Report. January 2013.

- NDEQ. 2014. Title 117. Nebraska Surface Water Quality Standards. Nebraska Administrative Code, Nebraska Department of Environmental Quality, Revised Effective Date: December 13, 2014.
- NDNR (Nebraska Department of Natural Resources). 2019a. Nebraska Surface Water Rights Data Retrieval. Accessed January 2019 at http://nednr.nebraska.gov/dynamic/waterrights/ SelectSearchOptions.aspx.
- NDNR 2019b. Surface Water Interactive Map. Accessed January 2019 at https://prodmaps2.ne.gov/Html5DNR/index.html?viewer=surfacewater.
- NDNR. 2018. Nebraska Registered Groundwater Wells. Data Retrieval. Accessed June 4, 2018 at https://dnr.nebraska.gov/data/groundwater-data.
- Nebraska Commission on Indian Affairs. 2019. **Trail Map. Ponce Trail of Tears.** Accessed December 5, 2019 at http://chiefstandingbear.org/trail-map/.
- Nebraska Department of Agriculture. 2018. Noxious Weed Program. Accessed May 2018 at http://www.nda.nebraska.gov/plant/noxious weeds/index.html#.
- Nebraska Department of Health and Human Services. 2018. Nebraska Trauma Designated Hospitals. Accessed January 2019 at http://dhhs.ne.gov/publichealth/NebraskaEMS/Documents/Trauma%20 Designated%20Hospitals.pdf.
- Nebraska Department of Revenue. 2018a. Value and Tax Change by County. Accessed on May 17, 2018 at http://www.revenue.nebraska.gov/PAD/research/counties/butler.html.
- Nebraska Department of Revenue. 2018b. Property Tax Change 2016 to 2017. Accessed January 2019 at http://www.revenue.nebraska.gov/news\_rel/jan\_18/ptax\_change\_16-17.html.
- Nebraska Department of Transportation. 2017. Nebraska Surface Transportation Program Fiscal Years 2018-2023. July 1. Accessed at https://dot.nebraska.gov/projects/publications/program-book/.
- Nebraska Department of Transportation. 2014. Title 414, Nebraska Administrative Code, Chapter 1. Rules and Regulations Concerning the Nebraska Scenic Byways Program.
- Nebraska Natural Heritage Program (NNHP). 2019. Conservation and Environmental Review Tool (CERT) Project Report and GIS files. Received January 11, 2019.
- Nebraska Office of Energy Statistics. 2019. Wind Energy Generation in Nebraska. Accessed December 6, 2019 at http://www.neo.ne.gov/programs/stats/inf/89.htm.
- Nebraska Office of Energy Statistics. 2018. Electricity. Nebraska Power Review Board. Service Area Map. Accessed May 2018 at https://powerreview.nebraska.gov/service area maps.html.
- Nebraska Pipeline Association. 2018. Nebraska Pipeline Association Members Accessed at http://nebraskapipeline.com/pipeline\_operators.
- Nebraska PSC (Public Service Commission). 2017a. Application of TransCanada Keystone Pipeline Route, L.P. for Route Approval of the Keystone XL Pipeline Project. February 16, 2017. Accessed at http://www.psc.nebraska.gov/natgas/Keystone/20170216%20KXL%20PSC%.
- Nebraska PSC. 2017b. Route Approval Final Order. Application No. OP-0003. November 20, 2017. Accessed at http://www.psc.nebraska.gov/natgas/Keystone/Orders/2017.11.20.Final%20 Order.pdf.

- Nebraska Public Power District. 2019. Plants and Facilities (also includes links to Wind Generation and Transmission Line Projects). Accessed September 2019 at http://www.nppd.com/about-us/power-plants-facilities.
- Neff, J.M. 1979. Polycyclic aromatic hydrocarbons in the aquatic environment. Applied Science publ. Ltd., London. 262 pp.
- Nelson, D.L. 1998. "Least Tern." In *Colorado Breeding Bird Atlas*, edited by H.E. Kingery, 192-193. Colorado Bird Atlas Partnership and Colorado Division of Wildlife.
- Nemec, R. 2016. "Tesoro's 2013 North Dakota Oil Spill Clean-Up Lingering into New Year." December 29, 2016. Accessed May 11, 2018 at http://www.naturalgasintel.com/articles/108884tesoros-2013-north-dakota-oil-spill-clean-up-lingering-into-new-year.
- NGPC (Nebraska Game and Parks Commission). 2019. "Cowboy Trail." Accessed January 9, 2019 at http://outdoornebraska.gov/cowboytrail/.
- NGPC. 2018a. Rainwater Basin. Accessed May 25, 2018 at http://outdoornebraska.gov/rainwaterbasin/.
- NGPC. 2018b. "NGPC\_Owned\_or\_Managed\_Areas." GIS shapefile. Accessed May 2018 at https://hub.arcgis.com/datasets/5f7364ede89d4b489910d48a9acfeaaa\_56.
- NGPC. 2018c. Whooping Crane Migration. Accessed May 2018 at http://outdoornebraska.gov/ whoopingcrane/.
- NGPC. 2018d. Whooping Crane. Accessed 2018 at http://rarespecies.nebraska.gov/whooping-crane/.
- NGPC. 2018e. Western Prairie Fringed Orchid. Accessed May 2018 at http://rarespecies.nebraska.gov/ western-prairie-fringed-orchid/.
- NGPC. 2017a. Whooping Crane (*Grus Americana*): Migration Use Area and USFWS-designated Critical Habitat. Accessed May 2018 at http://outdoornebraska.gov/wp-content/uploads/ 2017/02/whooping-cranes.pdf.
- NGPC. 2017b. Estimated Current Range of Western Prairie Fringed Orchid (*Platanthera praeclara*). Accessed May 2018 at http://outdoornebraska.gov/wp-content/uploads/2017/02/Western-Prairie-Fringed-Orchid.pdf.
- NGPC. 2015. Estimated Current Range of Northern Long-eared Bat (*Myotis septentrionalis*). Accessed May 2018 at http://outdoornebraska.gov/wp-content/uploads/2015/09/NHP\_RangeMap\_Northern LongEaredBat.pdf.
- NGPC. 2014. Estimated Current Range of American Burying Beetle (*Nicrophorus americans*). Accessed May 2018 at http://outdoornebraska.gov/wp-content/uploads/2015/09/NHP\_ RangeMap\_AmericanBuryingBeetle.pdf.
- NGPC. 2013a. Interior Least Tern. Accessed May 2018 at http://rarespecies.nebraska.gov/wp-content/ uploads/sites/2/2014/01/Interior-Least-Tern.pdf.
- NGPC. 2013b. Piping Plover. Accessed May 2018 at https://birds.outdoornebraska.gov/piping-plover/.
- NGPC. 2013c. Pallid Sturgeon. Accessed May 2018 at http://rarespecies.nebraska.gov/portfolio/pallidsturgeon/.
- NGPC. 2013d. Lake Sturgeon. 2013. Accessed January 11, 2019 at http://rarespecies.nebraska.gov/ portfolio/lake-sturgeon/.

- NGPC. 2013e. Nebraska's Threatened & Endangered Species: River Otter. 2013. Accessed January 11, 2019 at http://rarespecies.nebraska.gov/portfolio/river-otter/.
- NGPC. 2013f. Nebraska's Threatened & Endangered Species: Massasauga. 2013. Accessed January 11, 2019 at http://rarespecies.nebraska.gov/portfolio/massasauga/.
- NGPC. 2012. Topeka Shiner (*Notropis topeka*). Accessed May 2018 at https://outdoornebraska.gov/ wp-content/uploads/2015/09/NLP\_Assessment\_TopekaShiner.pdf.
- NGPC. 2011a. Estimated Current Breeding Range of Piping Plover (*Charadrius melodus*) and Interior Least Tern (Sternula antillarum athalassos). Accessed May 2018 at http://outdoornebraska.gov/ wp-content/uploads/2015/09/NHP\_RangeMap\_InteriorLeastTernAndPipingPlover.pdf.
- NGPC. 2011b. Estimated Current Range of Pallid Sturgeon (*Scaphirhynchus albus*). Accessed May 2018 at http://outdoornebraska.gov/wp-content/uploads/2015/09/NHP\_RangeMap\_PallidSturgeon.pdf.
- NGPC. 2011c. Estimated Current Range of Topeka Shiner (*Notropis topeka*). Accessed at http://outdoornebraska.gov/wp-content/uploads/2015/09/NHP\_RangeMap\_TopekaShiner.pdf.
- NGPC. 2005. Guide to Nebraska's Wetlands. In cooperation with the U.S. Environmental Protection Agency and Ducks Unlimited, 2nd Edition. Accessed May 2018 at http://outdoornebraska.ne.gov/wildlife/programs/wetlands/pdf/wetlandsguide.pdf/.
- NHHP (Nebraska Natural Heritage Program). 2018. Conservation and Environmental Review Tool (CERT) Project Report and GIS files. Received July 20, 2018.
- NIEHS (National Institute of Environmental Health Sciences). 2002. *Electric and Magnetic Fields Associated with the Use of Electric Power*. Accessed January 9, 2019 at https://www.niehs.nih.gov/health/materials/electric\_and\_magnetic\_fields\_associated\_with\_the\_ use\_of\_electric\_power\_questions\_and\_answers\_english\_508.pdf.
- NIEHS. 1999. *Health Effects from Exposure to Power-Line Frequency Electric and Magnetic Fields*. Accessed January 2019 at https://www.niehs.nih.gov/health/assets/docs\_p\_z/report\_powerline\_ electric mg predates 508.pdf.
- Niles, L.J., H.P. Sitters, A.D. Dey, P.W. Atkinson, A.J. Baker, K.A. Bennett, R.Carmona, K.E. Clark, N.A. Clark, C. Espoz, P.M. Gonzalez, B.A. Harrington, D.E. Hernandez, K.S. Kalasz, R.G. Lathrop, R.N. Matus, C.D.T. Minton, R.I.G. Morrison, M.K. Peck, W. Pitts, R.A. Robinson and I.L. Serrano. 2008. "Status of the Red Knot (*Calidris canutusrufa*) in the Western Hemisphere." *Studies in Avian Biology* 36: 1-185.
- Nimana, B., C. Canter and A. Kumar. 2015. Life cycle assessment of greenhouse gas emissions from Canada's oil sands-derived transportation fuels. *Energy*. 88:544-554.
- NNHP (Nebraska Natural Heritage Program). 2013. "Range Maps for Nebraska's Threatened and Endangered Species". Nebraska Game and Parks Commission -- White Papers, Conference Presentations, & Manuscripts. 30. Accessed January 11, 2019 at http://digitalcommons.unl.edu/nebgamewhitepap/30.
- NNHP. 2011. *Biologically Unique Landscapes (Nebraska\_BULs\_2011)*. Accessed at http://outdoornebraska.gov/naturalheritageprogram/.

- NOAA (National Oceanic and Atmospheric Administration). 2018a. Climate Change: Atmospheric Carbon Dioxide. Science Information for a Climate-Smart Nation. Accessed December 13, 2018 at https://www.climate.gov/news-features/understanding-climate/climate-change-atmospheric-carbon-dioxide.
- NOAA. 2018b. "Trends in Atmospheric Carbon Dioxide." Accessed December 13, 2018 at http://www.esrl.noaa.gov/gmd/ccgg/trends/ index.html.
- NOAA. 2018c. Trends in Atmospheric Methane. Recent Global CH4. Global Greenhouse Gas Reference Network. Earth System Research Laboratory. Global Monitoring Division. Accessed January 6, 2019 at https://www.esrl.noaa.gov/gmd/ccgg/trends\_ch4/.
- NOAA. 2018d. Ocean Acidification. Accessed December 28, 2018 at https://www.noaa.gov/resource-collections/ocean-acidification.
- NOAA 2018e. Costliest U.S. Tropical Cyclones Tables Updated. National Hurricane Center. Accessed December 31, 2018 at https://www.nhc.noaa.gov/news/UpdatedCostliest.pdf.
- North Dakota Information Technology Department 2019. North Dakota GIS Hub Data Portal. GIS Technical Committee. Accessed January 2019 at https://gishubdata.nd.gov/.
- North Dakota Petroleum Council. 2014. The North Dakota Petroleum Council Study on Bakken Crude Properties. August 4, 2014.
- Northern Natural Gas. 2018. Operations (including map). Energy Expansion Projects. Accessed May 2018. Accessed at http://www.northernnaturalgas.com/expansionprojects/Pages/ Home.aspx.
- NPS (National Park Service). 2018. National Historic Trails. Accessed May 25, 2018 at https://www.nps.gov/subjects/nationaltrailssystem/national-historic-trails.htm.
- NPS. 2017a. "CALI\_100k\_line." GIS shapefile. June 2017. Accessed at https://irma.nps.gov /DataStore/Reference/Profile/2238903.
- NPS. 2017b. "MOPI\_100k\_line." GIS shapefile. June 2017. Accessed at https://irma.nps.gov /DataStore/Reference/Profile/2238910.
- NPS. 2009. National Park Service California National Historic Trail Map. Accessed May 25, 2018 at https://www.nps.gov/cali/planyourvisit/upload/National\_Park\_Service\_California\_Trail\_Map-508.pdf.
- NPS. 2006. National Historic Trails Auto Tour Route Interpretive Guide: Nebraska and Northeastern Colorado. Accessed May 25, 2018 at https://www.nps.gov/cali/planyourvisit/upload/NE\_ATR\_ IG web.pdf.
- NPS. 1998. Guidelines for Evaluating and Documenting Traditional Cultural Properties. Accessed May 2018 at https://www.nps.gov/nr/publications/bulletins/nrb38/.
- NRCS (Natural Resources Conservation Service). 2019. Web Soil Survey and SSURGO Database. Soil Survey Staff, Natural Resources Conservation Service, U.S. Department of Agriculture. Accessed January 17, 2019 at https://websoilsurvey.nrcs.usda.gov/.
- NRCS. 2018a. U.S. Department of Agriculture. Hydric Soils Introduction. Accessed June 2018. Accessed at https://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/use/hydric/?cid=nrcs142p2\_053961.

- NRCS. 2018b. U.S. Department of Agriculture. Soil Survey Geographic Database (SSURGO). Accessed June 2018 at https://sdmdataaccess.sc.egov.usda.gov.
- NRCS. 2018c. U.S. Department of Agriculture. Gridded Soil Survey Geographic (gSSURGO) by State. USDA/NRCS Soil Survey Center. Lincoln, Nebraska. May 2, 2018. Accessed June 2, 2018 at https://datagateway.nrcs.usda.gov/.
- NRCS. 2018d. U.S. Department of Agriculture. Soil Survey Geographic Database (SSURGO 2.2) for Antelope, Butler, Colfax, Jefferson, Madison, Platte, Saline, Seward, and Stanton Counties. USDA/NRCS Soil Survey Center. Fort Worth, Texas. Project county data for soil map units compiled by TransCanada and received by PHE in May 2018. Accessed at https://datagateway.nrcs.usda.gov/.
- NRCS. 2012. PLANTS Database. Accessed January 14, 2019. at https://plants.sc.egov.usda.gov/java/.
- NRCS. 2004. U.S. Department of Agriculture. 2004. National Coordinated Common Resource Area. National Soil Survey Center. Accessed on June 4, 2018 at https://datagateway.nrcs.usda.gov/ GDGHome.aspx.
- NRCS. 2000. U.S. Department of Agriculture. Prime Farmland Definitions for Data Table. Product ID 5839. December 19. Accessed at https://www.nrcs.usda.gov/wps/portal/nrcs/detail/ null/?cid=nrcs143 014052.
- NRCS. 1998. U.S. Department of Agriculture. Land Resource Regions (LRR)Resource Assessment Division. Washington, D.C. December. Accessed at https://www.nrcs.usda.gov/wps/portal/ nrcs/detail/?cid=nrcs143 013721.
- Nunez, C. 2015. "Ice Hampers Cleanup in Yellowstone's Rare Winter Oil Spill." National Geographic. February 1, 2015. Accessed May 11, 2018 at http://news.nationalgeographic.com/ news/energy/2015/01/150130-yellowstone-river-oil-spill-ice-cleanup.
- NuStar Energy. 2018. East System. Specifications and Map. Accessed May 2018 at http://nustarenergy.com/en-us/OurBusiness/Assets/Pages/PL\_EAST.aspx.
- Oak Ridge National Laboratory 2016. Carbon Dioxide Information Analysis Center. Recent Greenhouse Gas Concentrations. Accessed December 29, 2018 at https://cdiac.ess-dive.lbl.gov/ pns/current\_ghg.html.
- Oak Ridge National Laboratory. 2014. "Current Greenhouse Gas Concentrations." Last updated April 15, 2014. Accessed February 16, 2015 at http://cdiac.ornl.gov/pns/current\_ghg.html.
- OECD/IEA (Organization for Economic Co-operation and Development/ International Energy Agency). 2019. World Oil Demand. *Oil Market Report*. February 13, 2019. Accessed February 14, 2019 at https://www.iea.org/oilmarketreport/omrpublic/.
- OECD/IEA. 2018. Oil 2018: Analysis and Forecasts to 2023. Executive Summary. International Energy Agency Publishing.
- OECD/IEA. 2018. World Energy Outlook 2018. International Energy Agency Publishing. November 2018.
- OECD/IEA. 2017. World Energy Outlook 2017. Executive Summary. International Energy Agency Publishing. November 2017.

- OECD/IEA and IRENA (Organization for Economic Co-operation and Development/ International Energy Agency and International Renewable Energy Agency). 2017. Perspectives for the Energy Transition: Investment Needs for a Low-Carbon Energy System. March 2017. https://www.irena.org/-/media/Files/IRENA/Agency/Publication/2017/Mar/Perspectives\_for\_the\_ Energy\_Transition\_2017\_Executive\_Summary.pdf.
- Oil Change International. 2013. Petroleum Coke: The Coal Hiding in the Tar Sands. Washington, D.C. January 2013.
- Oil Sands Magazine. 2018. Oil Sands 101: Process Overview. Accessed December 18, 2018 at https://www.oilsandsmagazine.com/technical/oilsands-101.
- Orellana, A., I.J. Laurenzi, H.L. MacLean and J.A. Bergerson. 2017. Statistically Enhanced Model of In Situ Oil Sands Extraction Operations: An Evaluation of Variability in Greenhouse Gas Emissions. *Environmental Science and Technology*. 52 (3): 947–954.
- Owen, S., M.A. Menzel, M.W. Ford, B.R. Chapman, K.V. Miller, J. Edwards, and P. Wood. 2003. "Homerange Size and Habitat Use by Northern Myotis (*Myotis septentrionalis*)." *American Midland Naturalist* 150: 352-359.
- Owen, S.F., M.A. Menzel, W.M. Ford, J.W. Edwards, B.R. Chapman, K.V. Miller, P.B. Wood. 2002. *Roost Tree Selection by Maternal Colonies of Northern Long-eared Myotis in an Intensively Managed Forest*. General Technical Report NE-292. Newtown Square, PA: U. S. Department of Agriculture, Forest Service, Northeastern Forest Experiment Station. doi: https://doi.org/10.2737/NE-GTR-292.
- Parker, R. 2014. "Enbridge oil cleanup on the Kalamazoo River finished, all sections of the river open for public use." October 9, 2014. Accessed May 23, 2018 at http://www.mlive.com/news/ kalamazoo/index.ssf/2014/10/enbridge oil cleanup on the ka.html.
- Patriquin, K.J., and R.M.R. Barclay. 2003. "Foraging by Bats in Cleared, Thinned and Unharvested Boreal Forest." *Journal of Applied Ecology* 40: 646-657.
- Pearse, A.T., D.A. Brandt, B.K. Hartup, and M.T. Bidwell. 2019. Mortality in Aransas-Wood Buffalo whooping cranes: Timing, location, and causes. In Nyhus, P.J., J.B. French, Jr., S. J. Converse, and J. E. Austin, eds. Whooping Cranes: Biology and Conservation. San Diego, CA, USA: Academic Press.
- Pearse, A.T., M. Rabbe, L.M. Juliusson, M.T. Bidwell, L. Craig-Moore, D.A. Brandt, and W. Harrell. 2018. "Delineating and Identifying Long-term Changes in the Whooping Crane (*Grus americana*) Migration Corridor." *PLoS ONE* 13, no. 2: 1-15.
- Pearse, A. T., M.J. Harner, D.M. Baasch, G.D. Wright, A.J. Caven, and K.L. Metzger. 2017. "Evaluation of Nocturnal Roost and Diurnal Sites Used by Whooping Cranes in the Great Plains, United States." U.S. Geological Survey Open-File Report 2016-1209, https://pubs.er.usgs.gov/publication/ofr20161209.
- Pearse, A.T., D.A. Brandt, and G.L Krapu. 2016. Wintering Sandhill Crane exposure to wind energy development in the central and southern Great Plains, USA. *The Condor* 18(2): 391-401.
- Phadke, R. No date. "Wind Energy Landscapes—Valley County Wind." Accessed December 6, 2019 at https://www.macalester.edu/windenergy/casestudies/valleycounty/VChome.html.

- Phillips, L. 2003. "Pollination of Western Prairie Fringed Orchid, *Platanthera praeclara*: Implications for Restoration and Management." *Restoration and Reclamation Review* 8, no. 1. Accessed December 10, 2012 at http://purl.umn.edu/60217.
- PHMSA (Pipeline and Hazardous Materials Safety Administration). 2019a. Gas distribution, Gas Gathering, Gas Transmission, Hazardous Liquids, Liquefied Natural Gas (LNG), and Underground Natural Gas Storage (UNGS) Annual Report Data. Accessed November 18, 2019 at https://www.phmsa.dot.gov/data-and-statistics/pipeline/gas-distribution-gas-gathering-gastransmission-hazardous-liquids.
- PHMSA. 2019b. Distribution, Transmission & Gathering, LNG, and Liquid Accident and Incident Data. Accessed November 18, 2019 at https://www.phmsa.dot.gov/data-and-statistics/pipeline/ distribution-transmission-gathering-lng-and-liquid-accident-and-incident-data.
- PHMSA. 2017. Corrective Action Order. CPF No. 3-2017-5008H. November 28, 2017. Accessed May 1, 2018 at https://www.phmsa.dot.gov/sites/phmsa.dot.gov/files/docs/news/ 56511/320175008h-corrective-action-order-transcanada-11282017.pdf.
- PHMSA. 2016. Corrective Action Order. CPF No. 3-2-16-5002H. April 9, 2016. Accessed May 17, 2018 at http://phmsa.dot.gov/staticfiles/PHMSA/DownloadableFiles/Files/ CAO TransCanada 3 2016 5002H 4 9 16.pdf.
- PHMSA. 2015. Final Order. CPF No. 5-2013-5007. Accessed May 11, 2018 at http://primis.phmsa.dot. gov/comm/reports/enforce/documents/520135007/520135007\_Final%20Order\_01232015\_text.pd f.
- Piersma, T. and J. A. van Gils. 2011. *The Flexible Phenotype, a Body Centered Integration of Ecology, Physiology and Behaviour*. Oxford: Oxford University Press.
- Platts. 2018. "Energy Glossary Terms, Shipping, Oil, Power Gas, Nuclear, Coal, Metals Acronyms." Accessed May 11, 2018 at http://www.platts.com/glossary.

Public Law 94-579. Federal Land Policy and Management Act of 1976. 94th Congress. October 21, 1976.

Public Law 96-95. Archaeological Resources Protection Act of 1979. 96th Congress. October 31, 1979.

- Public Law 106-382. Fort Peck Reservation Rural Water System Act of 2000. 106th Congress. October 27, 2000.
- Public Law 110-161. Consolidated Appropriations Act. 2008. 110th Congress. December 26, 2007.
- Quality Services, Inc. 2019a. Level III Cultural Resources Inventory of the Grand Electric Cooperative, Inc. Transmission Line 809, Harding County, South Dakota. January 10, 2019.
- Quality Services, Inc. 2019b. Level III Cultural Resources Inventory of the Grand Electric Cooperative, Inc. Single Phase Distribution Line 217, Harding County, South Dakota. January 14, 2019.
- Quality Services, Inc. 2018. Level III Cultural Resources Inventory of the Grand Electric Cooperative, Inc. Transmission Line 15, Harding County, South Dakota. September 28, 2018.
- Rahel, F.J. and L.A. Thel. Sturgeon Chub (Macrhybopsis gelida): a technical conservation assessment. August 31,2004. USDA Forest Service, Rocky Mountain Region. Accessed January 11, 2019 at http://www.fs.fed.us/r2/projects/scp/assessments/sturgeonchub.pdf.
- Rainwater Basin Join Venture. 2016. The Rainwater Basin Joint Venture 2016 Annual Report. Accessed May 25, 2018 at http://rwbjv.org/wp-content/uploads/2017/03/RWBJV-2016-Annual-Report.pdf.

- Rio Pacific Grande Corporation. 2016. Nebraska Central Railroad Company. Accessed at http://rgpc.com/railroads/nebraska-central-railroad/.
- Salisbury, E., Z. Barnes, S. Baer, V. Zietz, N. Hurlburt, T. Witt, and S. Doyle. 2010. Level III Cultural Resources Survey for the Steele City Segment in South Dakota of the Keystone XL Project, Butte, Haakon, Harding, Jones, Lyman, Meade, Perkins, Tripp, and Gregory Counties, South Dakota Addendum 3: Additional Fieldwork Results.
- Sandia National Laboratories. 2015. Literature Survey of Crude Oil Properties Relevant to Handling and Fire Safety in Transport. Accessed May 11, 2018 at http://energy.sandia.gov/tight-oil-study/.

Sasse, D.B., and P.J. Pekins. 1996. "Summer Roosting Ecology of Northern Long-eared Bats (Myotis septentrionalis) in the White Mountain National Forest." Bats and Forests Symposium. British Columbia Ministry of Forests Working Paper.

- Scott, R.E., L.J. Roberts, and C.J. Cadbury. 1972. "Bird Deaths from Power Lines at Dungeness." British Birds 65: 273-286.
- SD DENR (South Dakota Department of Environment and Natural Resources). 2018a. Water Well Completion Reports. Online GIS Database. Accessed January 10, 2018 at https://apps.sd.gov/nr68welllogs/default.
- SD DENR. 2018b. South Dakota Water Rights. Online Database Accessed December 2018 at https://denr.sd.gov/des/wr/dbwr.aspx
- SD SHPO (South Dakota State Historic Preservation Office). 2018. Section 106 Project Consultation Letter: Project: 110315014F – Grand Electric Cooperative, Inc., Transmission line 17, Work Order: 6030.
- SD SHPO. 2011a. Work Order No: Keystone PS-20 Transmission Line; Tripp County, South Dakota.
- SD SHPO. 2011b. Work Order No: Keystone PS-21 Transmission Line; Tripp and Gregory County, South Dakota.
- SD SHPO. 2010a. Section 106 Project Consultation Letter: Project: 091214008F West Central Electric Cooperative Code 801 TransCanada Pump Station #18.
- SD SHPO. 2010b. Section 106 Project Consultation Letter: Project: 091210001F West Central Electric Cooperative Code 800 TransCanada Pump Station #19.
- SDGFP (South Dakota Department of Game, Fish, and Parks). 2018. State T&H Species Status Reviews Approved by SDGFP Commission 5 April 2018. Accessed January 3, 2019 at https://gfp.sd.gov/UserDocs/nav/status-reviews.pdf.
- SDNHP (South Dakota Natural Heritage Program). 2018. Element occurrence GIS shapefile. Received July 24, 2018.
- Secretarial Order No. 3362. February 9, 2018. Improving Habitat Quality in Western Big-Game Winter Range and Migration Corridors.
- Sheffield, S.R., J.P. Sullivan and E.F. Hill. 2012. Identifying and Handling Contaminant-Related Wildlife Mortality/Morbidity. N. Silvy, editor. In: Wildlife Techniques Manual, 7th edition. Johns Hopkins University Press. Baltimore, Maryland.
- Shriner, M.K. 2007. Letter from Misty Shriner, Western Area Power Administration, to Richard Grosz, Special Agent, USFWS, RE: Two Plover Mortalities on the Audubon Causeway. August 2, 2007.

- Sider, A. 2013. "Tesoro Logistics Pipeline Spills 20,000 Barrels in North Dakota." Wall Street Journal. October 10, 2013. Accessed May 11, 2018 at http://www.wsj.com/articles/SB100014240527 02303382004579127604108354512.
- Sieg, C.H. 1997. "The Mysteries of a Prairie Orchid." *Endangered Species Bulletin* XXII, no. 4: 12-13.
- Sieg, C.H., and R.M. King. 1995. "Influence of Environmental Factors and Preliminary Demographic Analyses of a Threatened Orchid, *Platanthera praeclara*." *American Midland Naturalist* 134: 307-323.
- Sieg, C.H., and P.M. Wolken. 1999. "Dynamics of a Threatened Orchid in Flooded Wetlands." In *The Central Nebraska Loess Hills Prairie: Proceedings of the Sixteenth North American Prairie Conference*, edited by J.T. Springer, 193-201.
- Sleep, S., I.J. Laurenzi, J.A. Bergerson, and H.L. MacLean. 2018. Evaluation of Variability in Greenhouse Gas Intensity of Canadian Oil Sands Surface Mining and Upgrading Operations. *Environmental Science and Technology*. 52 (20): 11941–11951.
- Smith, N. 2014. "North Dakota oil spill cleanup to last at least two more years." Bismarck Tribune. February 11, 2014. Accessed May 23, 2018 at http://bismarcktribune.com/bakken/north-dakotaoil-spill-cleanup-to-last-at-least-two/article\_c3af1d8c-9365-11e3-bc88-0019bb2963f4.html.
- South Dakota Department of Health. 2018. Designated Trauma Hospitals. Accessed January 2019 at https://doh.sd.gov/providers/ruralhealth/trauma/designations.aspx.
- South Dakota Department of Revenue. 2017. 2017 Annual Report. Accessed January 2019 at https://dor.sd.gov/Publications/Annual Reports/PDFs/Print-Annual-optimized.pdf.
- South Dakota Game, Fish and Parks. 2018. "SouthDakota ParksAndRecreationAreas."
- South Dakota Public Utilities Commission (SDPUC). 2019. Wind Energy (webpage). Accessed December 6, 2019 at https://puc.sd.gov/commission/Energy/Wind/winddevelopment%20map.pdf.
- South Dakota School and Public Lands. 2019. Hunting Information. Accessed January 2019 at http://sdpubliclands.com/surface/other.shtm.
- State Historical Society of North Dakota. 2019. North Dakota: People Living on the Land. Unit III, Lesson 4, Topic 2. Section 3: The Treaties of the Fort Laramie, 1851 & 1868. Accessed January 11, 2019 at https://www.ndstudies.gov/gr8/content/unit-iii-waves-development-1861-1920/lesson-4-alliances-and-conflicts/topic-2-sitting-bulls-people/section-3-treaties-fort-laramie-1851-1868.
- Statista. 2018. Average monthly Western Canadian Select (WCS) crude oil price from November 2017 to November 2018 (in U.S. dollars per barrel). Accessed December 2018 at https://www.statista. com/statistics/729770/western-canadian-select-monthly-crude-oil-price/.
- Steffen, W., J. Rockström, K. Richardson, T.M. Lenton, C. Folke, D. Livermanf, C.P.
  Summerhayes, A.D. Barnosky, S.E. Cornell, M. Crucifix, J.F. Donges, I. Fetzera, S.J. Lade, M. Scheffer, R. Winkelmann and H.J. Schellnhuber. 2018. Trajectories of the Earth System in the Anthropocene. Proceedings of the National Academies of Science, 115 (33): 8252–8259.

- Stehn, T.V., and C.L. Haralson-Strobel. 2014. "An Update on Mortality of Fledged Whooping Cranes in the Aransas/Wood Buffalo Population." *Proceedings of the North American Crane Workshop* 12: 43-50.
- Stehn, T.V., and T. Wassenich. 2008. "Whooping Crane Collisions with Power Lines: An Issue Paper." Proceedings of the North American Crane Workshop 10: 25-36.
- Tacha, M. 2011. Personal Communication between Martha Tacha, U.S. Fish and Wildlife Service, Grand Island, and John Carlson, Bureau of Land Management, Glasgow, Montana. January 6, 2011.
- Tacha, M., A. Bishop, and J. Brei. 2010. "Development of the Whooping Crane Tracking Project Geographic Information System." *Proceedings of the North American Crane Workshop* 11: 98-104.
- Truitt, B.R., B.D. Watts, B.L. Brown, W. Dunstan. 2001. "Red Knot Densities and Invertebrate Prey Densities on the Virginia Barrier Islands." *Wader Study Group Bulletin* 95: 12.
- Steffensen, K.D., S. Stukel, and D.A. Shuman. 2014 "The Status of Fishes in the Missouri River, Nebraska: Lake Sturgeon (*Acipenser fulvescens*)". Transactions of the Nebraska Academy of Sciences and Affiliated Societies. 468. Accessed January 11, 2019 at http://digitalcommons.unl.edu/tnas/468.
- TallGrass Energy. 2018a. Pipeline Operations, with links to Rockies Express and Trailblazer Pipelines. Accessed May 2018 at http://www.tallgrassenergylp.com/.
- TallGrass Energy. 2018b. TallGrass Interstate Gas Transmission. Accessed May 2018 at http://www.tallgrassenergylp.com/Operations\_TIGT.aspx.
- Tans, P. and R. Keeling. 2018. "Mauna Loa CO2 Annual Mean Data." Earth Systems Research Laboratory, National Oceanic and Atmospheric Administration. Last updated May 6, 2018. Accessed May 20, 2018 at https://www.esrl.noaa.gov/gmd/ccgg/trends/index.html.
- The Flex Monitoring Team. 2018. Critical Access Hospital Locations. Accessed June 2018 at https://www.flexmonitoring.org/data/critical-access-hospital-locations/?search\_state=NE&filter\_search=yes#result-list.
- The White House. 2019. "President Donald J. Trump Supports the Venezuelan People's Efforts to Restore Democracy in Their Country." Fact Sheet. January 29, 2019. Accessed February 15, 2019 at https://www.whitehouse.gov/briefings-statements/president-donald-j-trump-supports-venezuelan-peoples-efforts-restore-democracy-country/.
- Thomas, B.F., A. Behrangi and J. S. Famiglietti. 2016. Precipitation Intensity Effects on Groundwater Recharge in the Southwestern United States. *Water*. 8:3. March 8, 2016.
- Thompson, L.S. 1978. "Mitigation through Engineering and Habitat Modification." In *Impacts of Transmission Lines on Birds in Flight*, edited by M. L. Avery, 51–92. Washington D.C.: U.S. Fish and Wildlife Service.
- Tinti, C. 2013. NorVal Electric Cooperative, Inc: A Class III Cultural Resource Inventory of the Black Coulee Transmission Line in Valley County, Montana. BLM FWA #13-MT-064-004.
- TransCanada. 2019. Edinburg Remediation and Restoration. Accessed December 6, 2019 at https://www.tcenergy.com/incident/edinburg-incident/.

- TransCanada. 2018a. Keystone XL Pipeline, Missouri River Scour Analysis. Prepared by Exp Energy Services Inc. September 27, 2017. Report KXL 1399-EXP-A-PLN-0002. Accessed at https://www.keystone-xl.com/kxl-101/quick-facts/.
- TransCanada. 2018b. Operations Map. Oil and Liquids. Accessed May 2018. Accessed at https://www.transcanada.com/en/operations/oil-and-liquids/keystone-pipeline-system/.
- TransCanada. 2017. Site-Specific Risk Assessment for Keystone XL Project's Missouri River Crossing. Prepared for TransCanada by Stantec. July 31, 2017, updated November 2017. Accessed at https://www.keystone-xl.com/kxl-101/quick-facts/.
- Tsaprailis, H. 2014. Properties of Dilbit and Conventional Crude Oils. Prepared for Alberta Innovates Energy and Environment Solutions. February 20, 2014.
- Tuttle, R. and S. Tobben. 2018. "Canadian crude prices collapse as Alberta glut grows." World Oil. September 7, 2018. Accessed January 21, 2019 at https://www.worldoil.com/news/2018/9/7/ canadian-crude-prices-collapse-as-alberta-glut-grows.
- U.S. Census Bureau. 2017a. "Table DP-05: ACS Demographic and Housing Estimates 2012-2016 American Community Survey 5-year Estimates." Online Database. Accessed on May 16, 2018 at https://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml.
- U.S. Census Bureau. 2017b. "Table DP-03: Selected Economic Characteristics 2012-2016 ACS 5-year Estimates." Online Database. Accessed on May 17, 2018 at https://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml.
- U.S. Census Bureau. 2017c. "Table DP-04: Selected Housing Characteristics 2012-2016 ACS 5-year Estimates." Online Database. Accessed on May 28, 2018 at https://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml.
- U.S. Census Bureau. 2017d. American Community Survey 2012-2016. Accessed January 2019 at https://factfinder.census.gov/faces/nav/jsf/pages/community\_facts.xhtml.
- U.S. Census Bureau. 2017e. Tiger/Line Shapefile for Current American Indian/Alaska Native/Native Hawaiian Areas National. Accessed December 18, 2018 at https://catalog.data.gov/dataset/tiger-line-shapefile-2017-nation-u-s-current-americanindian-alaska-native-native-hawaiian-area.
- U.S. Census Bureau. 2015. American Community Survey 2011-2015. Accessed January 2019 at https://factfinder.census.gov/faces/nav/jsf/pages/community\_facts.xhtml.
- U.S. Census Bureau. 2012. 2010 Tiger/Line Shapefiles for Block Groups and Tracts. Accessed May 2018 at https://www.census.gov/geographies/mapping-files/time-series/geo/tiger-linefile.2010.html.
- U.S. Census Bureau. 2010a. American FactFinder. Population, Housing Units, Area, and Density: 2010 – United States – County by State; and for Puerto Rico. Accessed May 25, 2018 at https://www.census.gov/quickfacts/fact/note/US/LND110210v.
- U.S. Census Bureau. 2010b. Profile of General Population and Housing Characteristics: 2010. 2010 Demographic Profile Data. Accessed January 2019 at https://factfinder.census.gov/faces/nav/jsf/pages/community\_facts.xhtml.

- U.S. Coast Guard, U.S. Environmental Protection Agency, Department of Interior Office of Environmental Policy and Compliance, U.S. Fish and Wildlife Service, and the National Oceanic and Atmospheric Administration's National Marine Fisheries Service and National Ocean Service. 2001. "Inter-agency Memorandum of Agreement Regarding Oil Spill Planning and Response Activities Under the Federal Water Pollution Control Act's National Oil and Hazardous Substances Pollution Contingency Plan and the Endangered Species Act." 2001.
- U.S. Department of Health and Human Services. 2019. Health Resources and Services Administration Data Warehouse. Online Database. Accessed January 2019 at https://data.hrsa.gov/tools/shortage-area/hpsa-find.
- U.S. Department of Health & Human Services. 2018. Health Resources & Services Administration Data Warehouse. Online Database. Accessed on May 18, 2018 at https://datawarehouse.hrsa.gov /tools/analyzers/MuaFind.aspx.
- U.S. Department of Interior. 2017. Memorandum M-37050. Subject: The Migratory Bird Act Does Not Prohibit Incidental Take. Issued December 22, 2017.
- U.S. Department of State. 2017. Final Supplemental Environmental Impact Statement for the Line 67 Expansion. U.S. Department of State. August 2017. Accessed at https://www.state.gov/e/enr/applicant/applicants/environmentalreview/.
- U.S. Department of State. 2014. Final Supplemental Environmental Impact Statement for the Keystone XL Project. U.S. Department of State. January 2014. Accessed at https://2012-keystonepipeline-xl.state.gov/finalseis/index.htm.
- U.S. Department of State. 2008. Final Environmental Impact Statement for the Keystone Oil Pipeline Project. U.S. Department of State. January 11, 2008.
- Union Pacific. 2018. Union Pacific System Map. Accessed May 2018. Accessed at https://www.up.com/aboutup/reference/maps/system\_map/index.htm.
- University of Kansas 2019. Water Information Management and Analysis System (WIMAS). Kansas Department of Agriculture, Division of Water Resources (DWR) and Kansas Geological Survey. Accessed January 2019 at http://hercules.kgs.ku.edu/geohydro/wimas/index.cfm.
- University of Nebraska Lincoln. 2018. Active Mineral Operations. School of Natural Resources. Accessed on June 3, 2018. Accessed at http://snr.unl.edu/data/geographygis/geology.aspx.
- USA Cops. 2018. Nebraska Police and Fire Departments. Online Database. Accessed on January 2019 and May 17, 2018 at https://www.usacops.com/ne/.
- USDA (U.S. Department of Agriculture). 2018a. "NRCS Conservation Easements" GIS shapefile. May 2018. Accessed at https://datagateway.nrcs.usda.gov/GDGHome.aspx.
- USDA. 2018b. "National\_Wild\_and\_Scenic\_River\_Segments." GIS shapefile. May 2018. Accessed at https://enterprisecontent-usfs.opendata.arcgis.com/datasets/national-wild-and-scenic-riversegments-feature-layer.
- USDA/NRCS (U.S. Department of Agriculture/Natural Resources Conservation Service). 2018a. "Gridded Soil Survey Geographic (gSSURGO) by State." Montana. GIS Database. National Geospatial Center of Excellence. May 2, 2018.
- USDA/NRCS. 2018b. "Gridded Soil Survey Geographic (gSSURGO) by State." South Dakota. GIS Database. National Geospatial Center of Excellence. May 2, 2018.

- USDA/NRCS. 2016. "National Hydrography Dataset (NHD)." GIS Database. National Geospatial Center of Excellence. 2016.
- USDA/NRCS. 2011. "2011 National Land Cover Dataset (NLCD)." GIS Database. National Geospatial Center of Excellence. 2011.
- USDOT (U.S. Department of Transportation). 2012. High-Speed Ground Transportation Noise and Vibration Impact Assessment. Office of Railroad Policy and Development. Federal Railroad Administration. DOT/FRA/ORD-12/15. September 2012.
- USDOT. 2006. Transit Noise and Vibration Impact Assessment. Office of Planning and Environment. Federal Transit Administration. FTA-VA-90-1003-06. May 2006.
- USEPA (U.S. Environmental Protection Agency). 2019a. "Greenhouse Gas Equivalencies Calculator." Online Database. Last Updated December 2018. Accessed January 2019 at https://www.epa. gov/energy/greenhouse-gas-equivalencies-calculator.
- USEPA. 2019b. Environmental Justice. Accessed January 2019 at https://www.epa.gov/ environmentaljustice.
- USEPA. 2018a. Green Book. Criteria Pollutant Nonattainment Summary Report. Accessed May 29, 2018 at https://www3.epa.gov/airquality/greenbook/ancl3.html.
- USEPA. 2018b. National Ambient Air Quality Standards Table. Accessed May 18, 2018 at https://www.epa.gov/criteria-air-pollutants/naaqs-table.
- USEPA. 2018c. Emissions & Generation Resource Integrated Database (eGrid). Energy and the Environment. Accessed May 22, 2018 at https://www.epa.gov/energy/emissions-generation-resource-integrated-database-egrid.
- USEPA. 2018d. Inventory of Greenhouse Gas Emissions and Sinks: 1990-2016. Washington, D.C. EPA 430-R-18-003. April 12, 2018. Accessed December 12, 2018 at https://www.epa.gov/sites/production/files/2018-01/documents/2018 complete report.pdf.
- USEPA. 2018e. Sources of Greenhouse Gas Emissions. Overview. Accessed December 12, 2018 at https://www.epa.gov/ghgemissions/sources-greenhouse-gas-emissions.
- USEPA. 2018f. Environmental Justice Screening and Mapping Tool. Accessed January 11, 2019 at https://ejscreen.epa.gov/mapper/.
- USEPA. 2016. FOSC Desk Report for the Enbridge Line 6b Oil Spill. Marshall, Michigan. April 2016. Accessed January 21, 2019 at https://www.epa.gov/sites/production/files/2016-04/documents/ enbridge-fosc-report-20160407-241pp.pdf.
- USEPA. 2015. 303(d) Listed Impaired Waters. Accessed May 20, 2018 at https://www.epa.gov/ waterdata/waters-geospatial-data-downloads.
- USEPA. 2011a. Silvertip Pipeline Incident: Update. July 23, 2011. Accessed January 15, 2019 at https://deq.mt.gov/portals/112/Land/StateSuperFund/Documents/Silvertip/EPA%20Documents/F actSheets/july23factsheet.pdf.
- USEPA. 2011b. POLREP #2: Assessment and Initial Recovery Actions, Silvertip Pipeline Spill -Yellowstone River (Z8DY). July 8, 2011. Accessed March 25, 2019, at https://response.epa.gov/site/sitrep\_profile.aspx?site\_id=7055
- USEPA. 2010. Fact Sheet: Water Issues. August 19, 2010. Accessed May 11, 2018 at https://www.epa.gov/sites/production/files/2016-06/documents/enbridge\_fs\_20100819wq.pdf

- USEPA. 1999. Understanding Oil Spills and Oil Spill Response. Office of Emergency and Remedial Response. December 1999. Accessed March 25, 2019 at https://archive.epa.gov/emergencies/ docs/oil/edu/web/pdf/chap2.pdf.
- USEPA. 1978. Protective Noise Levels, Condensed Version of EPA Levels Document. Office of Noise Abatement and Control. EPA 550/9-79-100. November 1978.
- USEPA. 1974. Information on Levels of Environmental Noise Requisite to Protect Public Health and Welfare within Adequate Margin of Safety. U.S. Environmental Protection Agency, Office of Noise Abatement and Control. Washington, D.C. March 1974.
- USEPA ERT (U.S. Environmental Protection Agency Environmental Response Team). 2018. Final Bakken Crude Oil: Worker Health and Safety Pilot Scale Studies. Rev 0.1. April 30, 2018.
- USFS (U.S. Forest Service). 2018. Proposed Action Revised Forest Plan, Custer Gallatin National Forest. Accessed January 2019 at https://www.fs.usda.gov/nfs/11558/www/nepa/105060 FSPLT3 4181908.pdf.
- USFS. 1986. *Custer National Forest Management Plan*. Accessed January 2019 at https://www.fs.usda.gov/Internet/FSE\_DOCUMENTS/stelprd3826216.pdf.
- USFWS (U.S. Fish and Wildlife Service). 2019a. Species Profile for American burying beetle (Nicrophorus americanus). Environmental Conservation Online System. Accessed September 3, 2019 at https://ecos.fws.gov/ecp0/profile/speciesProfile?sId=66.
- USFWS. 2019b. Species Profile for Black-footed ferret (Mustela nigripes). Environmental Conservation Online System. Accessed September 3, 2019 at https://ecos.fws.gov/ecp0/profile/speciesProfile?spcode=A004.
- USFWS. 2019c. Species Profile for Least tern (Sterna antillarum). Environmental Conservation Online System. Accessed September 3, 2019 at https://ecos.fws.gov/ecp0/profile/speciesProfile?spcode=B07N.
- USFWS. 2019d. Species Profile for Northern Long-Eared Bat (Myotis septentrionalis). Environmental Conservation Online System. Accessed September 3, 2019 at https://ecos.fws.gov/ecp0/profile/speciesProfile?spcode=A0JE.
- USFWS. 2019e. Species Profile for Pallid sturgeon (Scaphirhynchus albus). Environmental Conservation Online System. Accessed September 3, 2019 at https://ecos.fws.gov/ecp0/profile/speciesProfile?spcode=E06X.
- USFWS. 2019f. Species Profile for Piping Plover (Charadrius melodus). Environmental Conservation Online System. Accessed September 3, 2019 at https://ecos.fws.gov/ecp0/profile/speciesProfile?spcode=B079.
- USFWS. 2019g. Species Profile for Red knot (Calidris canutus rufa). Environmental Conservation Online System. Accessed September 3, 2019 at https://ecos.fws.gov/ecp0/profile/speciesProfile?spcode=B0DM.
- USFWS. 2019h. Species Profile for Topeka shiner (Notropis topeka). Environmental Conservation Online System. Accessed September 3, 2019 at https://ecos.fws.gov/ecp0/profile/speciesProfile?spcode=E07R.
- USFWS. 2019i. Species Profile for Western prairie fringed Orchid (Platanthera praeclara). Environmental Conservation Online System. Accessed September 3, 2019 at https://ecos.fws.gov/ecp0/profile/speciesProfile?spcode=Q2YD.

- USFWS. 2019j. Species Profile for Whooping crane (Grus americana). Environmental Conservation Online System. Accessed September 3, 2019 at https://ecos.fws.gov/ecp0/profile/speciesProfile?spcode=B003.
- USFWS. 2019k. Species Status Assessment Report for the American Burying Beetle (Nicrophorus americanus). Version 1.0. February 2019. Accessed September 14, 2019 at https://www.fws.gov/southwest/es/Oklahoma/Documents/ABB/Listing/ABBSSA\_Final\_V1.0\_Fe b2019.pdf.
- USFWS. 2019l. Information for Planning and Conservation (IPaC) Official Species List. South Dakota Ecological Services Field Office. Received September 3, 2019.
- USFWS. 2018a. Rainwater Basin Wetland Management District About the District. Accessed May 25, 2018 at https://www.fws.gov/refuge/Rainwater\_Basin\_ WMD/about.html.
- USFWS. 2018b. National Wetlands Inventory. Wetlands Mapper. Accessed June 2018 at https://www.fws.gov/wetlands/data/Mapper.html.
- USFWS. 2018c. National Wild and Scenic River System. Accessed May 2018 at https://www.rivers.gov/national-system.php.
- USFWS. 2018d. IPaC Information for Planning and Consultation. Accessed May 2018 at https://ecos.fws.gov/ipac/.
- USFWS. 2018e. Whooping Crane Tracking Project Database Fly-way Sightings.
- USFWS. 2018f. Species Profile for Northern long-eared Bat (Myotis septentrionalis). Environmental Conservation Online System. Accessed May 2018 at https://ecos.fws.gov/ecp0/profile/species Profile?spcode=A0JE.
- USFWS. 2018g. Northern Long-Eared Bat Final 4(d) Rule, White-Nose Syndrome Zone Around WNS/PD Positive Counties/Districts. Accessed January 2018 at https://www.fws.gov/midwest/endangered/mammals/nleb/pdf/WNSZone.pdf.
- USFWS. 2018h. "National Wetlands Inventory Version 2 Surface Waters and Wetlands Inventory." October 2018. GIS Database. Accessed January 23, 2019 at https://www.fws.gov/wetlands/data/Data-Download.html.
- USFWS. 2018i. Nebraska Ecological Services Wind. Mountain Prairie Region. Oil and Gas Pipelines. Last modified February 9, 2018. Accessed at https://www.fws.gov/nebraskaes/ Oil\_Gas.php.
- USFWS. 2018j. National Wetlands Inventory Website. U.S. Department of the Interior, Fish and Wildlife Service. Washington, D.C. October 2018. Accessed January 23, 2019 at http://www.fws.gov/wetlands/.
- USFWS. 2018k. Endangered, Threatened, Proposed and Candidate Species Found in Nebraska. Accessed January 3, 2019 at https://www.fws.gov/nebraskaes/species.php.
- USFWS. 2018l. Unpublished. Memorandum for the Record. Review of: "Take Calculation for Whooping Cranes (Grus Americana) for the Nebraska Public Power District's R-Project Transmission Line" (September 10, 2018 draft) prepared by the Nebraska Field Office (NEFO) of the U.S. Fish and Wildlife Service (USFWS); and a proposed use of reasonably certain knowledge to assess the risk of power-line strikes for the R-Project. November 7, 2018.

- USFWS. 2018m. *Provisional Whooping Crane Telemetry Project Database*. U.S. Fish and Wildlife Service, Nebraska Ecological Services Field Office. Received December 14, 2018.
- USFWS. 2017a. "FWS Cadastral Database." August 2017. https://catalog.data.gov/dataset/fwscadastral-database.
- USFWS. 2017b. USFWS Administrative Waterfowl Flyway Boundaries. Accessed November 28, 2019 at https://ecos.fws.gov/ServCat/Reference/Profile/42276.
- USFWS. 2017c. Draft Environmental Impact Statement on Issuance of an Incidental Take Permit and Implementation of a Habitat Conservation Plan for the R-Project Transmission Line. U.S. Department of the Interior. May 2017.
- USFWS. 2016a. Draft Revised Recovery Plan for the Northern Great Plain Piping Plover (Charadrius melodus). Accessed December 21, 2018. https://www.fws.gov/mountain-prairie/es/species/birds/pipingplover/2016/Vol%20I%20NGP%20Draft%20Revised%20Breeding %20Rec%20Plan.pdf.
- USFWS. 2016b. Whooping Crane Update September 16, 2016. Accessed January 3, 2019 at https://www.fws.gov/nwrs/threecolumn.aspx?id=2147594180.
- USFWS. 2015a. Biological Opinion for the Alaska Federal/State Preparedness Plan for Response to Oil & Hazardous Substance Discharges/Releases. Anchorage Fish and Wildlife Field Office. Anchorage, Alaska. February 27, 2015.
- USFWS. 2015b. "Michigan Oil Spill Response." Last updated August 6, 2015. Accessed May 23, 2018 at http://www.fws.gov/midwest/oilspill/.
- USFWS. 2014a. U.S. Fish & Wildlife Service Revised Recovery Plan for the Pallid Sturgeon (Scaphirhynchus albus) – January. Accessed May 2018 at https://ecos.fws.gov/docs/recovery \_plan/Pallid%20Sturgeon%20Recovery%20Plan%20First%20Revision%20signed%20version%2 0012914 3.pdf.
- USFWS. 2014b. News Release: Critical Habitat for the Topeka Shiner Designated in Iowa, Minnesota, and Nebraska. Accessed May 2018 at https://www.fws.gov/midwest/endangered/fishes/pdf/tosh-nr-finalCH.pdf.
- USFWS. 2013a. Interior Least Tern (Sternula antillarum) 5-Year Review: Summary and Evaluation. U.S. Fish and Wildlife Service. Jackson, Mississippi. 58 pp. + appendix.
- USFWS. 2013b. *Recovery Plan for the Black-footed Ferret (*Mustela nigripes). Second Revision. U.S. Fish and Wildlife Service. Denver, Colorado.
- USFWS. 2012a. Gray Wolf Status in South Dakota. South Dakota Field Office.
- USFWS. 2012b. Technical Assistance Letter for the TransCanada Keystone XL Pipeline. Nebraska Ecological Services Field Office. Grand Island, Nebraska.
- USFWS. 2010. Region 6 Guidance for Minimizing Effects from Power Line Projects within the Whooping Crane Migration Corridor. February 4, 2010. Ecological Services, Region 6, Mountain Prairie Region. Denver, Colorado.
- USFWS. 2009a. Whooping Cranes and Wind Development An Issue Paper. Regions 2 and 6. April. Accessed January 2019 at https://www.fws.gov/southwest/es/Oklahoma/documents/te\_species/ wind%20power/whooping%20crane%20and%20wind%20development%20fws%20issue%20pap er%20-%20final%20%20april%202009.pdf.

- USFWS. 2009b. Piping Plover (Charadrius melodus) 5-Year Review: Summary and Evaluation. U.S. Fish and Wildlife Service. Accessed December 19, 2018 at https://www.fws.gov/northeast/endangered/pdf/piping\_plover\_five\_year\_review\_and\_summ ary.pdf.
- USFWS. 2008. Black-Footed Ferret (Mustela nigripes) 5-Year Status Review: Summary and Evaluation. U.S. Fish and Wildlife Service. South Dakota Field Office, Pierre, South Dakota.
- USFWS. 2007. Western Prairie Fringed Orchid Platanthera praeclara. Accessed December 10, 2012 at http://www.fws.gov/southdakotafieldoffice/ORCHID.HTM.
- USFWS. 2005. Rainwater Basin East. Received from USFWS by PHE on April 26, 2018.
- USFWS. 1996. Western Prairie Fringed Orchid Recovery Plan (Platanthera praeclara). Accessed May 2018 at https://ecos.fws.gov/docs/recovery\_plan/960930a.pdf.
- USFWS. 1990. Recovery Plan for the Interior Least Tern (Sterna antillarum). U.S. Fish and Wildlife Service. Twin Cities, Minnesota.
- USFWS. 1988. Recovery Plan for Piping Plover Breeding in the Great Lakes and Northern Great Plains. U.S. Fish and Wildlife Service. Twin Cities, Minnesota.
- USFWS. 1979. Classification of Wetlands and Deepwater Habitats of the United States. Reprinted in 1992. Biological Services Program FWS/OBS-79/31. Accessed January 23, 2019 at https://www.fws.gov/wetlands/documents/classification-of-wetlands-and-deepwater-habitats-of-the-united-states.pdf.
- USGCRP (U.S. Global Change Research Program). 2018. Climate Science Special Report: Fourth National Climate Assessment (NCA4). Volume II: Impacts, Risks, and Adaptation in the United States. [Reidmiller, D.R., C.W. Avery, D.R. Easterling, K.E. Kunkel, K.L.M. Lewis, T.K. Maycock and B.C. Steward (eds.)]. Washington DC. [Reidmiller, D.R., C.W. Avery, D.R. Easterling, K.E. Kunkel, K.L.M. Lewis, T.K. Maycock and B.C. Steward (eds.)]. Accessed December 11, 2018 at https://nca2018.globalchange.gov/.
- USGCRP. 2017. Climate Science Special Report: Fourth National Climate Assessment (NCA4). Volume I. [Wuebbles, D.J., D.W. Fahey, K.A. Hibbard, D.J. Dokken, B.C. Stewart, and T.K. Maycock (eds.)]. U.S. Global Change Research Program, Washington, DC, USA. 470 pp. DOI: 10.7930/J0J964J6. Accessed December 11, 2018 at https://science2017.globalchange.gov/.
- USGS (U.S. Geological Survey). 2019a. Groundwater Levels for Montana. USGS National Water Information System: Web Interface. Accessed January 21, 2019 at https://nwis.waterdata.usgs.gov/mt/nwis/gwlevels?search\_criteria=county\_cd&submitted\_form=i ntroduction.
- USGS. 2019b. Groundwater Levels for Nebraska. USGS National Water Information System: Web Interface. Accessed January 21, 2019 at https://nwis.waterdata.usgs.gov/ne/nwis/gwlevels ?search criteria=county cd&submitted form=introduction.
- USGS. 2019c. Groundwater Levels for South Dakota. USGS National Water Information System: Web Interface. Accessed January 21, 2019 at https://nwis.waterdata.usgs.gov/sd/nwis/gwlevels ?search\_criteria=county\_cd&submitted\_form=introduction.
- USGS. 2019d. NLCD 2016 Land Cover (2016 Edition, Amended 2019). National Geospatial Data Asset Land Use Land Cover: U.S. Geological Survey, Sioux Falls, SD. Accessed October 4, 2019 at https://www.mrlc.gov/data/nlcd-2016-land-cover-conus.

- USGS. 2018a. Whooping Crane USGS Telemetry Metadata (through March 6, 2017).
- USGS. 2018b. USGS, Gap Analysis Project (GAP). Protected Areas Database of the United States (PAD-US) U.S. Geological Survey data release, https://doi.org/10.5066/P955KPLE, Version 2.0. Combined Feature Class. GIS database. Accessed November 2019 at https://www.usgs.gov/core-science-systems/science-analytics-and-synthesis/gap/science/pad-us-data-download?qt-science\_center\_objects=0#qt-science\_center\_objects.
- USGS. 2018c. National Hydrography Dataset (NHD) Best Resolution 20181220 for Nebraska State or Territory Shapefile Model Version 2.2.1. GIS Shapefile.
- USGS. 2018d. National Hydrography Dataset (NHD) Best Resolution 20181220 for South Dakota State or Territory Shapefile Model Version 2.2.1. GIS Shapefile.
- USGS. 2013. Water Basics Glossary. Accessed January 15, 2019 at https://water.usgs.gov/water-basics\_glossary.html.
- USGS. 2011a. GAP/LANDFIRE National Terrestrial Ecosystems 2011 Ecological Systems for Nebraska. 2011 Update of the National GAP Analysis Program Landcover Dataset Version 2.2. Accessed May 2018 at https://gapanalysis.usgs.gov/gaplandcover/data/download/.
- USGS. 2011b. GAP/LANDFIRE National Terrestrial Ecosystems 2011. Version 3. Accessed on January 14, 2019 at http://gapanalysis.usgs.gov/gaplandcover/.
- USGS. 2010. Estimated Use of Water in the United States in 2010. Circular 1405. Accessed at https://pubs.usgs.gov/circ/1405/pdf/circ1405.pdf.
- USGS. 2007. Groundwater Quality of the Northern High Plains Aquifer. 1997, 2002-2004. National Water Quality Assessment Program. Scientific Investigation Report 2006-5138. Reston, Virginia 2007. Accessed at https://pubs.usgs.gov/sir/2006/5138/downloads/pdf/SIR2006-5138\_508.pdf.
- USGS. 2003. Principal Aquifers of the United States. Geological Survey Water Mission Area Office of Groundwater. Accessed June 4, 2018. Accessed at https://water.usgs.gov/ogw/aquifer/map.html.
- USGS. 2002. Aquifers of Alluvial and Glacial Origin. U.S. Geological Survey Water Mission Area Office of Groundwater. Accessed on June 3, 2018. Accessed at https://water.usgs.gov/ogw/aquifer/map.html.
- USGS. 2001. National Hydrography Dataset (NHD). Accessed January 15, 2019 at https://water.usgs.gov/GIS/metadata/usgswrd/XML/nhd.xml.
- USGS. 1997. Groundwater Atlas of the United States. Kansas, Missouri and Nebraska. HA 730-D. 1997. Regional Summary, Surficial Aquifer System. High Plains Aquifer. Accessed at https://pubs.usgs.gov/ha/ha730/ch\_d/index.html.
- Western Area Power Administration. 2018. Cultural Resource Inventory Conducted for the Coal Hill Substation and Pump Station 11 Keystone XL Pipeline Project, McCone County, Montana. December 17, 2018.
- Westech. 2018. Conservation Reclamation Lands GIS Data. Data originated by Westech. Received by PHE in May 2018.
- Westech. 2017. Greater Sage-Grouse Conservation Plan for the Keystone XL Project. April 2017. KXL1399-EXP-EN-PLN-0010.

- Wiken, E., F. J. Nava, and G. Griffith. 2011. North American Terrestrial Ecoregions—Level III Commission for Environmental Cooperation, Montreal, Canada. 149 pages. Accessed at http://ecologicalregions.info/data/us/Eco\_Level\_III\_US\_pg.pdf.
- Wisconsin Public Radio. 2018. State Appeals Court Sends Enbridge Pipeline Expansion Back to Dane County. Dated May 25, 2018. Accessed December 19, 2018 at https://www.wpr.org/state-appeals-court-sends-enbridge-pipeline-expansion-back-dane-county.
- World Resources Institute. 2018. CAIT Historical Emissions Data (Countries, U.S. States, UNFCCC). Washington, D.C. Accessed May 8, 2018 at http://www.wri.org/resources/data-sets/cait-historical-emissions-data-countries-us-states-unfccc.
- Wright, G.D., T.J. Smith, R.K. Murphy, J.T. Runge, and R.R. Harms. 2009. "Mortality of Cranes (*Gruidae*) Associated with Power Lines over a Major Roost on the Platte River, Nebraska." *The Prairie Naturalist* 41, no. 3/4: 116-120.
- Wuczyński, A. 2005. "Habitat use and hunting behavior of Common Buzzards Buteo buteo wintering in south-western Poland." *Acta Ornitholgica* 40(2): 147-154.
- Wyoming Industrial Siting Council. 2010. Workforce Requirements for Energy Projects in Wyoming. Presentation by Tom Schroeder at Montana Energy Symposium on May 18. Accessed at http://www.energyfuture.mt.gov/presentations/Tom%20Schroeder%20-%20MT%20Symposium%2010-18-05.pdf.
- Yee, ML. 2008. Testing the Effectiveness of an Avian Flight Diverter for Reducing Avian Collisions with Distribution Power Lines in the Sacramento Valley, California. California Energy Commission, PIER Energy-Related Environmental Research Program. CEC-500-2007122.