

CURRICULUM VITAE

BARZEN, JOHN (JEB) ANTHONY

Addresses: (Professional)

Private Lands Conservation LLC
S-12213 Round River Trail
Spring Green, Wisconsin 53588
USA
1-608-370-3122
jeb@privatelandsconservation.org

(Home)

S-12213 Round River Trail
Spring Green, Wisconsin 53588
USA
1-608-544-2107

Personal:

Born January 6, 1959 in Edina, Minnesota. Married, 2 children.

Education:

University of Minnesota, B.S. in Wildlife Biology, 1982.
University of North Dakota, M.S. in Biology, 1989, major in Wildlife Biology.

Research/Conservation Experience:

Wetland restoration in the Mekong Delta, Viet Nam
Ecology of Eastern Sarus Cranes in Southeast Asia
The ecology of floodwater lake basins and cranes in the Yangtze Valley, China
The effect of time on determining planting success in prairie restoration
Ecology of Sandhill Cranes in Wisconsin (e.g. ecology of non-breeding birds, behavioral ecology of breeding cranes, and abatement of crane damage to agricultural fields)
Ecology of a reintroduced population of Whooping Cranes
Conservation on private lands at ecologically meaningful scales:
Restoring prairies, savannas, and wetlands in the Lower Wisconsin Basin; developing an eco-label for potato production that balances food production with other resource production (e.g. biological diversity, soil health, water quality, carbon sequestration, etc.) coming from those lands; and connecting poverty alleviation with conservation worldwide; and building capacity to expand conservation on private lands.
Implementation of Prescribed Fire for Conservation of Fire-adapted Communities (conducted 796 prescribed burns to date)

Professional Experience:

Lecturer, Gaylord Nelson Institute of Environmental Studies, UW-Madison (2019, 2021 - 2023)

Responsibilities: Teaching ES 375 – Field Ecology Workshop

Lecturer, Gaylord Nelson Institute of Environmental Studies, UW-Madison (2019 - present)

Responsibilities: Teaching Envir Stud 581/Land Arc 581 - Prescribed Fire --Ecology and Implementation

Founder, Private Lands Conservation LLC (2016 – present)

Responsibilities: Founder. Developing a non-profit organization dedicated to advancing conservation on private lands. Includes teaching at the University of Wisconsin-Madison, implementing ecosystem restoration for the Healthy Grown program in Wisconsin, solving bird-related crop damage issues and developing tools to expand private lands management.

Senior Outreach Specialist, University of Wisconsin-Madison (2016 – 2017)

Responsibilities: Working with growers to implement sustainable conservation activities on their farms, develop new components of sustainability, expand the Healthy Grown model to other agricultural areas.

Research Associate, International Crane Foundation (2015 – 2016)

Responsibilities: A non-academic sabbatical where I authored 13 papers that were submitted for publication.

Director, Field Ecology Department, International Crane Foundation (1987 – 2015) along with

Honorary Appointments with University of Wisconsin-Madison, University of Wisconsin-Stevens Point

Responsibilities included: supervision of a department containing 8 permanent employees, and 5 graduate students at any one time; Strategic planning, public speaking; budget management and research as described above.

Student research completed and advised (25 graduate students matriculated):

- Mike Wheeler. 2018. M.S. Do population parameters limit crane reproduction? University of Wisconsin-Madison.
- James Burnham III. 2017. Ph.D. Ecology of tuber-feeding guilds at Poyang Lake. University of Wisconsin-Madison.
- Paul Senner. 2017. M.S. How hydrological factors influence plant and bird communities in a floodplain recessional wetland of the Mekong Delta. University of Wisconsin-Madison.
- Megan Fitzpatrick. 2016. Ph.D. Mechanistic models and tests of Whooping Crane energetics and behavior locally and at landscape scales: implications for food requirements, migration, conservation strategies and other bird species. University of Wisconsin-Madison.
- Ben Sullender. 2015. M.S. Seasonal inundation and water depth drive Eurasian Spoonbill (*Platalea leucorodia*) habitat selection in Poyang Lake, China. University of Wisconsin-Madison.
- Matt Hayes. 2015. Ph.D. Dispersal and population genetic structure in two flyways of sandhill cranes (*Grus canadensis*). University of Wisconsin-Madison.
- Alison Duff. 2014. Ph.D. Creating a system to optimize production of all resources arising from agricultural lands in the marketplace. University of Wisconsin-Madison.
- Ted Anchor. 2008. M.S. Developing ecosystem standards for Healthy Grown potatoes in Wisconsin. University of Wisconsin-Madison.
- James Burnham. 2007. M.S. Environmental drivers of Siberian Crane (*Grus leucogeranus*) habitat selection and wetland management and conservation in China. University of Wisconsin-Madison.
- Nguyen Hoai Bao. 2006. M.S. Wetlands survey and assessment of breeding habitat for eastern sarus cranes (*Grus antigone sharpii*) in Yok Don National Park, Vietnam. National University – Ho Chi Minh City (in Vietnamese).
- Kristin Hall. 2005. M.S. Ecological needs and economic benefits of Bald Eagles wintering in south central Wisconsin. University of Wisconsin-Madison.
- Mathew Hayes. 2005. M.S. Divorce and extra pair paternity as alternative mating strategies in monogamous sandhill cranes. University of South Dakota-Vermillion.
- Su Liying. 2003. Ph.D. Habitat selection by sandhill cranes, *Grus canadensis tabida*, at multiple geographic scales in Wisconsin. University of Wisconsin-Madison.
- Tamara Miller. 2002. M.S. Habitat selection by breeding sandhill cranes in central Wisconsin. University of Wisconsin-Stevens Point.
- Tin New Latt. 2001. M.S. The Ecology of Indian Sarus Cranes in India. Wildlife Institute of India.
- Tran Triet. 1999. M.S. Seasonally inundated grasslands of the Mekong Delta, Vietnam. University of Wisconsin-Madison.
- Tran Triet. 1999. Ph.D. Factors influencing the distribution and abundance of freshwater vegetation in the Mekong Delta, Viet Nam. University of Wisconsin-Madison.
- Steve Swenson. 1999. M.S. Light as a factor influencing the distribution and abundance of savanna plants in temperate regions. Ohio State University.
- Haidy Ear-Dupuy. 1998. M.S. Factors in stork consumption: an economic analysis of stork collection in Tonle Sap Lake, Battambang Province, Cambodia. University of Wisconsin-Madison.
- Li Fengshan. 1997. Ph.D. Developing a land management system for Cao Hai and its watershed to safeguard resources needed by Black-necked Cranes and people. University of Wisconsin-Madison.
- Bjorn Larsen. 1996. M.S. The avifauna of a restored wetland: Tram Chim National Reserve, Dong Thap, Viet Nam. University of Minnesota.
- Nguyen Huu Thien. 1996. M.S. Winning support for conservation from local communities. University of Wisconsin-Madison.
- Zhang Bingcai. 1995. Ph.D. Towards integrated, efficient GIS query processing. University of Wisconsin-Madison.
- Jim Welsh. 1993. M.S. Patterns of change in the plant community composition of a restored prairie in Wisconsin. University of Wisconsin-Madison.
- Richard Beilfuss. 1991. M.S. Hydrological restoration and management of Tram Chim Wetland Reserve, Mekong Delta, Vietnam. University of Wisconsin-Madison.

Advisee research in progress:

Nguyen Hoai Bao. Ph.D. Ecology of wetlands in Southeast Asia. University of Science, Ho Chi Minh City.

University Courses Developed and Taught:

ES 375 Field Ecology Workshop (2019, 2021-2023)

LA 375 Prescribed Fire and Economic Drivers for Improving Conservation at Ecological Scale (2019)

LA 375 Prescribed Fire: Ecology and Implementation (2020-2021)

LA 581/Envir. Stud. 581: Prescribed Fire: Ecology and Implementation (2022-2024)

ES 976 Graduate Seminar on "Practice of Conservation Biology & Sustainable Development" with Tim Moermond (2003, 2006, 2009)

ES 900 Graduate Seminar on "A Sustainable Mekong and beyond: Crane conservation reveals worldwide challenges with sustainable development" with Tran Triet (2010)

Varied Universities in Southeast Asia: Wetland Ecology and Management in the Lower Mekong Basin (2003-2014). Team taught with 4 primary colleagues: Tran Triet, Sansanee Choowaew, Duong Van Ni, Richard Keim

13 Awards -

2023-2024 Conservation Leader Award, College of Natural Resources, University of Wisconsin-Stevens Point

2022 Award for Outstanding Contribution to Conservation, Waterbird Society for publication in the journal *Waterbirds* (2023)

Wisconsin Society for Ornithology: Bronze Passenger Pigeon Award (2019)

Clausen Distinguished Service Award, Ferry Bluff Eagle Council for 25 years of volunteer service (2013)

John T. Curtis Award for Career Excellence in Ecological Restoration; Friends of the Arboretum, Inc. and Aldo Leopold Foundation (2008)

Meredith F. Burrill Award (in geography) for the project and book titled *Endangered and Threatened Species of the Platte River*. The National Academies Press: Washington, D.C. (2006)

Honor Award for Group Achievement in Maintaining and Enhancing the Nation's Natural Resources and Environment by creating a Partnership for Environmental Potato Production, U.S. Department of Agriculture (2003)

The Aldo Leopold Chapter, Society of Conservation Biology, White Lady Slipper Award with Barb Barzen (1999)

The Empire-Sauk Chapter of the Prairie Enthusiasts, Volunteer of the Year with Barb Barzen (1998)

Sauk County Government, Commendation for participation on 20/20 Citizen Advisory Committee for land-use planning (1998)

Webster Fellowship, North American Waterfowl Foundation (1983)

Robert J. Lick Award, Minnesota Waterfowl Association (1982)

Izaak Walton League Conservation Job Competition Winner (1977)

Research Fellow, Delta Waterfowl and Wetlands Research Station, Canada (1984-1987)

Graduate Teaching Assistant at the University of North Dakota in Introductory Biology Labs for majors (1983-1985)

Master Bander for 27 years; permit #22339 –

With USGS Bird Banding Laboratory for bald eagles, sandhill cranes and whooping cranes. Coordinator of auxiliary banding for sandhill cranes east of the Mississippi River (1988-2015).

Committee Membership

Chair of Research and Science Team for the Whooping Crane Eastern Partnership (2010-2013).

Collaboration of Wisconsin Potato and Vegetable Growers Association/World Wildlife Fund/University of Wisconsin: executive committee member (1996-current)

Farming and Conservation Together (FACT):

A member of a group that is developing a private lands initiative for conservation and farming in a large area of south-central Wisconsin (1999-2005)

Ferry Bluff Eagle Council:

Volunteer and member (1988-current)

President (2020-current)

Forestry Research Advisory Council: US Department of Agriculture. (2004-2008).

Listening Point Foundation Advisory Board (2007-2021)

National Academy of Sciences

Member of the Committee on Endangered and Threatened Species in the Platte River Basin (2003-2004)

Member of the Committee on Restoration of the Greater Everglades Ecosystem's Panel to Review the Critical Ecosystems Science Initiative (2002-2003)

Wisconsin Prescribed Fire Council

Liability Committee Chair (2003-2009)

Training Committee Chair and Board Director (2019-2021)

Board Chair (2021-Present)

Conservation Fund-raising for Land Purchases (total: 216 acres with \$562,000 raised) -

Coordinated through Ferry Bluff Eagle Council (1998): Purchase of conservation easements for 31 acres of various parcels adjacent to Wollershiem Winery \$32,000

Coordinated through Ferry Bluff Eagle Council (2019): Purchase of 31 acres for Ferry Bluff State Natural Area \$160,000

Coordinated through Driftless Area Land Conservancy (2022): Purchase of 154 acres to add to Lower Wisconsin Riverway \$370,000

Grants obtained (total: \$2,886,360) -**Support of Wisconsin Prescribed Fire Council**

U.S. Forest Service. \$40,000; 2023

Wetland Conservation in Southeast Asia

Disney Worldwide Conservation Fund. \$25,000; 2015

U.S. State Department. \$200,000; 2010-2012

U.S. State Department. \$50,000; 2012-2013

U.S. Geological Survey. \$270,000; 2009-2014

John D. and Catherine T. MacArthur Foundation. \$250,000; 2009-2011

John D. and Catherine T. MacArthur Foundation. \$250,000; 2006-2008

John D. and Catherine T. MacArthur Foundation. \$350,000; 2003-2005

Convention of Migratory Species, \$19,000; 2001

Private Individuals, \$365,000; 1998-2003

Combining Ecology and Poverty Alleviation in China

John D. and Catherine T. MacArthur Foundation. \$25,000; 1992.

Sustainable Development of the Mekong River Basin

Christopher Reynolds Foundation, Inc. \$10,000; 1995.

Henry P. Kendall Foundation. \$5,000; 1995.

John D. and Catherine T. MacArthur Foundation. \$10,000; 1995.

Private Individuals. \$65,000; 1995.

New York Zoological Society. \$5,000; 1995.

Rockefeller Brothers Fund. \$10,000; 1995.

United Nations Development Program. \$10,000; 1996.

USAID. \$5,000; 1995.

Wetland Restoration in the Plain of Reeds, Viet Nam.

Brehm Fund for International Bird Conservation. \$50,000; 1990.

Christopher Reynolds Foundation, Inc. \$25,000; 1993.

John D. and Catherine T. MacArthur Foundation. \$225,000; 1991-1993.

_____. \$70,000; 1994.

National Wildlife Federation. \$25,960; 1990.

Understanding, Classifying and Mapping Human Use and Natural Resources in Pilot Wetlands of Cambodia and Vietnam to Promote Sustainable Development: A Collaboration to Study Small Wetlands

Sumernet Phase 3: \$87,600; 2014-2016
 Ecology of Sandhill Cranes in Wisconsin
 Wisconsin Department of Agriculture and Consumer Protection. \$15,000; 1998.
 ___, \$140,000; 2007-2009
 Wisconsin Department of Natural Resources. \$29,000; 1997-1998.
 ___, \$115,000; 1999-2001.
 ___, \$20,000; 2002
 Wisconsin and Potato Vegetable Growers Association. \$15,000; 1998.
 World Wildlife Fund. \$5,000; 1997.
 Winter Ecology of Bald Eagles
 Various small grants through Ferry Bluff Eagle Council and UW-Madison. \$70,000; 2001-2005.
 Spring Migration Ecology of Canvasbacks
 Delta Waterfowl and Wetlands Research Station. \$21,500; 1984-1987.
 Northern Prairie Wildlife Research Center. \$8,300; 1984-1985.

Co-chaired or organized 10 symposia or meetings-

Mekong River System Science Data Workshop: Science for a Sustainable Mekong River System. Ho Chi Minh City, Vietnam. 2014.
 DRAGON Asian Summit: Connecting great Deltas, Great Rivers and Great Lakes. Siem Reap, Cambodia. 2009.
 The International Conference on Poyang Lake Wetland and Biodiversity. Nanchang, China. 2007.
 Advanced Workshop on Watershed Modeling and Water Resources Management. Nanchang, China. 2006.
 Large Waterbird and Wetland Conservation in the Mekong Region. IUCN. Phnom Penh, Cambodia. 2005.
 Community Involvement in Crane and Ecosystem Conservation on Three Continents. Society for Conservation Biology Annual Meeting, Duluth, MN. 2003.
 Population and Habitat Viability Analysis for Eastern Sarus Cranes. Bangkok, Thailand. 1997.
 Sustainable Development of the Mekong River and its Watershed. Washington, D.C., USA. 1995.
 International Sarus Cranes and Wetlands Workshop. Tam Nong, Dong Thap, Vietnam. 1990.
 An Annual Cycle Perspective on the Productivity of Canvasbacks. Winnipeg, Canada. 1987.

Publications (100 total publications):

Non-peer reviewed (47 papers; see https://www.researchgate.net/profile/Jeb_Barzen/publications) -

Barzen, J., C. Hong, V. Sun, V. Bou and T. Tran. 2023. Sarus Cranes in Cambodia and Vietnam Pp 91-120 in T. Tran; ed., Proceedings of the International Sarus Crane Workshop, International Crane Foundation, Baraboo, Wisconsin, USA. 136 pp.
 Barzen, J. and K. Ballinger. 2017. Sandhill and Whooping Cranes. Wildlife Damage Management Technical Series. USDA, APHIS, WS National Wildlife Research Center. Ft. Collins, Colorado. 16 p.
 Barzen, J., J. Burnham and F. Li. 2011. How do Siberian Cranes and other tuber feeding birds respond to a flood-induced lack of tubers at Poyang lake? *Waterbirds* 4:6-8.
 Barzen, J., M. Engels, J. Burnham, J. Harris and G. Wu. 2009. Potential impacts of a water control structure on the abundance and distribution of wintering waterbirds at Poyang Lake. ICF, Baraboo, Wisconsin. 54 pp.
 Barzen, J. and A. Gossens. 2014. Beneath the surface of sandhill crane behavior. *Passenger Pigeon* 76:239-343.
 Barzen, J.A., D. Moore and T. Tran. 2018. Wetland features in northern Cambodia digitized from the 1950s to 1970s era topographic maps produced by the United States government. https://www.researchgate.net/publication/327700981_Wetland_features_in_northern_Cambodia_Digitized_from_1950s_to_1970s_era_topographic_maps_produced_by_the_United_States_government
 Barzen, J. and T. Tran. 2010. Supporting sustainable development in the Mekong. *ICF Bugle* 36(4):5.
 Barzen, J. 2012. Studying and understanding wetland dynamics. Pp 256-266 in Li Fengshan, Liu Guanhua, Wu Jiandong, Zeng Nanjing, James Harris, and Jin Jiefeng; eds., Ecological study of wetlands and waterbirds at Poyang Lake. Popular Science Press. Beijing, China. 271 pp.
 Barzen, J. 2009. ICF trains a growing community of wetland scientists in Southeast Asia. *ICF Bugle*

- 35(3):6.
- Barzen, J. 2008. Phase 1 report: How development projects may impact wintering waterbirds at Poyang Lake. Unpublished report submitted to Hydro-ecology Institute of the Yangtze Water Resources Commission. International Crane Foundation, Baraboo, Wisconsin, USA. 14 pp
- Barzen, J. 2008. Easier said than done. ICF Bugle 34(1):5.
- Barzen, J. 2006. Eco-potatoes. A benefit to cranes? ICF Bugle 32(3):4-5.
- Barzen, J. 2003. An aerial survey of wetlands in northern Cambodia 2001. ICF Cambodia Office, Phnom Penh. 64 p.
- Barzen, J. 2003. ICF restorations taking root. ICF Bugle 29(2):10-11.
- Barzen, J. 2001. Waterbirds and wetlands for northern Cambodia. ICF Bugle 27(4):1-2.
- Barzen, J. 1997. A crane hunt for Wisconsin? ICF Bugle 23(4):3.
- Barzen, J. 1997. Linking discovery with action through consensus. ICF Bugle 23(2):1-2.
- Barzen, J. 1996. A meeting of minds over the Mekong. ICF Bugle 22(1):2-3.
- Barzen, J. 1994. ICF team discovers rare wildlife in Cambodia. ICF Bugle 20(4):3-4.
- Barzen, J. 1991. Restoration mixes people, science, and luck in Vietnam. ICF Bugle 17(2):2-3.
- Barzen, J. 1989. Patterns of nutrient acquisition in Canvassbacks during spring migration. M.S. Thesis, University of North Dakota, Grand Forks. 74 pp.
- Barzen, J. 1982. Common Goldeneyes at Black Dog Lake. Loon 54:215-218.
- Barzen, J. 1981. Breeding bird census: Mixed successional aspen/oak/conifer forest. American Birds 35(1):66-67.
- Barzen, J., and R.D. Beilfuss. 1998. From cranes to ecosystems. ICF Bugle 24(2):11.
- Barzen, J., and U.S. Seal (editors). 2001. Eastern Sarus Crane PHVA Final Report. CBSG, Apple Valley, MN, USA. 187 pp.
- Burnham, J., J. Barzen, Li Fengshan, Zeng Nanjing, Wu Jiandong and Ji Weitao. 2009. Ecological Monitoring at Poyang Lake. In C. Prentice, ed., Conservation of Flyway Wetlands in East and West/Central Asia. Proceedings of the Project Completion Workshop of the UNEP/GEF Siberian Crane Wetland Project, 14-15 October 2009, Harbin, China. International Crane Foundation, Baraboo WI, USA.
- Burnham, J.W., and J.A. Barzen. 2007. Final technical report on preliminary data trends at multiple scales at Poyang Lake National Nature Reserve: 1998-2005. Siberian Crane Wetland Project: Regional Program Report 2712-3-4645
- Harris, J. and J. Barzen. 1996. Cranes on the farm. ICF Bugle 22(3):1-3.
- Harris, J. and J. Barzen. 1994. Community based conservation at Cao Hai Nature Reserve, China. Pp. 13-19 in C. Schimmel, ed., Proceedings of the Third Annual International Crane Symposium. People, Water and Wildlife: Human Population Impacts on Cranes. National Audubon Society.
- Hayes, M.A. and J.A. Barzen. 2006. Dynamics of breeding and non-breeding sandhill cranes in south central Wisconsin. Passenger Pigeon 68:345-352.
- Henry, A.R., J. Barzen, and R.D. Beilfuss. 1998. Visual estimates of seed viability for prairie restorations (Wisconsin). Restoration and Management Notes 16(1):83-84.
- Li, Fengshan and J. Barzen. 2001. Cranes, geese, and other waterbirds: their ecology and interaction with local people. pp: 148-162 in S. Hong, J. Harris, Y.W. Wang, and Q.Y. Yu, eds., Community-based Conservation and Development – Strategies and Practice at Cao Hai. Guizhou Nationalities Publishing House. Guiyang, China.
- Li, Fengshan, Ji Wei Tao, Zeng Nan-jing, Wu Jian-dong, Wu xu-dong, Yi Wu-sheng, Huang Zu-you, Zhou Fei-long, Jeb Barzen, and James Harris. 2005. Aerial survey of Siberian cranes in the Poyang Lake Basin. Pp. 58-65 in Wang Qi-shan and Li Feng-shan, eds., Crane Research in China. Crane and Waterbird Specialists Group of Chinese Ornithological Society, International Crane Foundation, Yunnan Educational Publishing House. Yunnan, China. (in Chinese)
- Li, Fengshan, Wu Jiandong, Zeng Nanjing, Ji Weitao, Wu Xudong, Yi Wusheng, Huang Zuyou, Zhou Feilong, Jeb Barzen and James Harris. 2012. Numbers and distribution of large waterbirds determined by aerial surveys from 1998-2000 at Poyang Lake. Pp. 113-125 in Li Fengshan, Liu Guanhua, Wu Jiandong, Zeng Nanjing, James Harris, and Jin Jiefeng; eds., Ecological study of wetlands and waterbirds at Poyang Lake. Popular Science Press. Beijing, China. 271 pp.
- Lynch, S., D. Sexson, C. Benbrook, M. Carter, J. Wyman, P. Nowak, J. Barzen, S. Diercks, and J. Wallendal. 2000. Working out the bugs. A continuing effort in Wisconsin models a promising pathway toward

- addressing both public and producer concerns over pesticide risk and pest control. *Choices* (3):28-32.
- Meine, C.D., J.T. Harris, J. Barzen, and R.D. Beilfuss. 2005. Case Study 12.3. Putting the pieces together: Conserving cranes and their habitats around the world. Pp: 459-465 in M.J. Groom, G.K. Meffe, and C.R. Carroll. *Principles of Conservation Biology*. 3rd ed. Sinauer Associates, Inc. Sunderland, Massachusetts. 779 pp.
- Mingjie, H., Li F., J. Barzen, S. Tao, and Yin Hong. 2001. GIS application of soil erosion at Cao Hai watershed. Pp: 182-189 in S. Hong, J. Harris, Y.W. Wang, and Q.Y. Yu, eds., *Community-based Conservation and Development – Strategies and Practice at Cao Hai*. Guizhou Nationalities Publishing House. Guiyang, China.
- Moore, D., J. Barzen, R. Beilfuss. 2000. Crane conservation takes flight: studying critical habitats with remote sensing imagery. *Geo Information Systems* May: 38-42.
- Nguyen Hoai Bao, Tran Triet and J. Barzen. 2004. Status survey and community awareness raising for conservation of the Sarus Crane (*Grus antigone*) in Yok Don National Park. PARC Project VIE/95/G31, Government of Viet Nam (FPD) / UNOPS / UNDP / Scott Wilson Asia-Pacific Ltd., Ha Noi. 12 pp.
- Schmidt, N., J. Barzen, A. Lacy, and J.M. Engels. 2011. Habitat suitability analysis of east central Wisconsin for breeding Whooping Cranes (*Grus Americana*). Unpublished report to the Whooping Crane Eastern Partnership. International Crane Foundation, Baraboo, Wisconsin. 19 pp.
- Skasa, C. and J. Barzen. 2010. A Crane Hunt? *ICF Bugle* 36(3):7.
- Smirenski, S.M., and J.A. Barzen. 2019. Threat: Impacts of fire on cranes. Pages 161-170, In Mirande, C.M., and J.T. Harris, editors. *Crane Conservation Strategy*. Baraboo, Wisconsin, USA: International Crane Foundation. 454 pp.
- Su, L., J. Harris, and J. Barzen. 2004. Changes in population and distribution for greater sandhill cranes in Wisconsin. *Passenger Pigeon* 66:317-326.
- Tran, T. and J. Barzen. 2016. Tram Chim: Mekong River Basin (Vietnam). In C. M. Finlayson, G. R. Milton, R. C. Crawford, and N. C. Davidson, Editors. *The Wetland Book II: Distribution, Description and Conservation*. Springer. The Netherlands. ISBN: 978-94-007-6173-5 (Online) doi:10.1007/978-94-007-6173-5_41-4.
- van Zalinge, R., T. Tran, T. Evans, C. Hong, K.H. Seng and J. Barzen. 2010. Census of non-breeding Sarus Cranes in Cambodia and Vietnam, 2010. Wildlife Conservation Society Cambodia Program, Phnom Penh. 17 pp.
- van Zalinge, R., Tran Triet, T. Evans, Hong Chamnan, Seng Kim Hout and J. Barzen. 2011 Census of non-breeding Sarus Cranes in Cambodia and Vietnam, 2011. Wildfowl & Wetlands Trust, Cambodian Lower Mekong Wetlands Project, Phnom Penh.
- Van Zalinge, R., J. Barzen and S.T. Garnett. 2023. A synthesis of tracking movements and modeling breeding areas, linking to the recent decline of the Sarus Crane population in Cambodia-Vietnam. Pp 121-136 in T. Tran; ed., *Proceedings of the International Sarus Crane Workshop*, International Crane Foundation, Baraboo, Wisconsin, USA. 136 pp.

Peer reviewed (53 papers; see https://www.researchgate.net/profile/Jeb_Barzen/publications) -

- Archibald, G.W., K.S.G. Sundar, and J. Barzen. 2003. A review of the three subspecies of Sarus Cranes *Grus antigone*. *Journal of Ecological Society* 16:5-15.
- Adler, P.H, J.A. Barzen, E.W. Gray, A.E. Lacy, R. Urbanek and S.J. Converse. 2019. The dilemma of pest suppression in the conservation of endangered species. *Conservation Biology* 33:788-796. DOI: 10.1111/cobi.13262.
- Austin, J.E., M.A. Hayes and J.A. Barzen. 2019. Revisiting the historic distribution and habitats of the Whooping Crane. Chapter 3 in: French, J.B., S.J. Converse and J. Austin (Eds.), *The Biology and Conservation of the Whooping Crane (Grus americana)*. Academic Press, San Diego, CA. pages 25-88.
- Barzen J.A., A.P. Gossens, A.E. Lacy and B.A. Yandell. 2020. Applying hierarchical resource selection concepts to solving crop damage caused by birds. *Conservation Science and Practice*. e207. <https://doi.org/10.1111/csp2.207> 14 pages.
- Barzen, J., T. Tran, D.V. Ni, B.H. Nguyen, P. Sok, V. Soth, S. Ainsley and S. Ouboundisane. 2019. Small (palustrine) wetlands in the Central Indochina Dry Forest Ecosystem and their conservation impact.

- Chapter 3, Pages 35-66 in C. Krittasudthacheewa, N. Hap, T.D. Bui and S. Voladet, editors. Development and climate change in the Mekong Region: Case studies. Strategic Information and Research Development Centre, Petaling Jaya, Malaysia
- Barzen, J.A. 2018. How do we improve conservation on privately owned lands? Chapter 7, Pages 142-156 in J. E. Austin, K. Morrison, and J. Harris, editors. Cranes and Agriculture: A Global Guide for Sharing the Landscape. International Crane Foundation, Baraboo, Wisconsin, USA.
- Barzen, J.A. and K. Ballinger. 2018. Effective and sustainable prevention of avian damage to planted seeds through seed treatment. Proceedings of the North American Crane Workshop 14:89-100.
- Barzen, J., S. Converse, P. Adler, E. Gray, A. Lacy and A. Gossens. 2018. Examination of multiple working hypotheses to address reproductive failure in reintroduced Whooping Cranes. Condor 120:632-649.
- Barzen, J.A., A.P. Gossens and A.E. Lacy. 2018. Sandhill crane foraging behavior and damage estimates in cornfields during spring. Proceedings of the North American Crane Workshop 14:67-80.
- Barzen, J., T. Thousand, J. Welch, M. Fitzpatrick, and T. Tran. 2018. Determining the diet of Whooping Cranes (*Grus americana*) through field measurements. Waterbirds 41:22-34
- Barzen, J.A. 2019. Ecological Implications of Habitat Use by Reintroduced and Remnant Whooping Crane Populations. Chapter 15 in: French, J.B., S.J. Converse and J.E. Austin (Eds.), The Biology and Conservation of the Whooping Crane (*Grus americana*). Academic Press, San Diego, CA. pages 327-352.
- Barzen, J.A., A.E. Lacy, H.L. Thompson and A.P. Gossens. 2019. Habitat use by the reintroduced Eastern Migratory Population of Whooping Cranes. Chapter 14 in: French, J.B., S.J. Converse and J. Austin (Eds.), The Biology and Conservation of the Whooping Crane (*Grus americana*). Academic Press, San Diego, CA. pages 307-325.
- Barzen, J.A., L. Su, A. Lacy, A. Gossens and D. Moore. 2016. High nest density for Sandhill Cranes of central Wisconsin. Proceedings of the North American Crane Workshop 13:13-24.
- Barzen, J., and J. Serie. 1990. Nutrient reserve dynamics of breeding Canvasbacks. Auk 107:75-85.
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