

Land in O'odham Culture, Economics, and History
Econ 295.02 and SOAN 291.02
Spring Term, 2019
Instructors: Joseph Guse and Harvey Markowitz

Seminar Overview:

This class will focus on the cultural, economic and historical dimensions of the O'odham Indians' ties to their lands as expressed in their pre- and post-reservation lifeways. The seminar will focus on three themes. **(1) O'odham Land and Cosmology** will first examine pre-reservation O'odham conceptions of and relationships to landscape as expressed in their beliefs concerning the origin and structure of the earth's physical features (ethno-geography), the animal world (ethno-zoology), plant world (ethno-botany), weather (ethno-meteorology). **(2) Land and Economy in O'odham History** will investigate some of the major forces during the nineteenth and twentieth centuries that eroded the O'odhams' original land base and control over their economic practices. **(3) Contemporary O'odham Cultural and Economic Issues** will explore the attempts of O'odham peoples to confront and solve present day economic problems in ways that are compatible with their cultural heritage.

Seminar Goals

Students will become conversant with

- the basic cosmological assumptions that relate the O'odham to their landscape,
- the history of Spanish and U.S. colonization in the Sonoran Desert region,
- the effects that colonial powers had on the O'odham resource base and economy,
- the on-going disputes between Tohono O'odham and non-Tohono O'odham over resources and strategies to improve their economy.

Class Requirements:

There are five major requirements:

1. Class Participation (20%). Seminars depend on the thoughtful discussion of assigned materials both in class and in the field which in turn depends on the dedicated attendance of all participants. Grades will decline precipitously with absences.
- 1) Blog (25%) Eight short (about 1 page) mixed media blog entries and at least eight comments on others' entries. Most of your entries should include reflections on the fieldwork experience in Arizona and Tohono O'odham Nation. You are encouraged to use these assignments to advance your research project. For example, you might critique an article you read for your research project and try to reconcile it with your experience in the field.
- 2) 55% *Research Project*. You will complete a research project on a topic of your choice. If you are or expect to be an economics major, it is generally expected that your topic will relate to economic development or public policy that bears significantly on the welfare of communities in Tohono O'odham Nation and surrounding communities. Viable topic areas along these lines include, inter alia, land tenure, education, health, welfare, agriculture, infrastructure, border, environmental protection, water resources, commerce, finance, crime, tribal enterprises and governance. If you plan to major in SOAN, your topic should relate to history, culture or religion.

- a. *10% Paper Proposal*. One page (max) description of a final paper topic submitted with at least one key reference.
- b. *5% Draft*. First drafts must be submitted by at least the Thursday before the last week to allow time for comments and revisions.
- c. *30% Final Paper*. Due Thursday of the last week. Suggested length is 10 pages.
- d. *10% Final Poster* to be exhibited and presented at the Spring Term festival.

Required Readings:

Course Pack (CP) on Box

Bill Broyles, *Our Sonoran Desert*

Gary Nabhan, *The Desert Smells Like Rain*

Miriam Jorgensen (ed.), *Rebuilding Native Nations (RNN)*

Colby et al., *Tribal Water Rights (will also be on reserve)*

The Runner. (News Journal covering the Tohono O'odham Nation)

Occasional handouts

Calendar

Meeting 1 (April 22). O'odham culture, economics, and history in context

1.1 American Indian Cosmology and Landscape

- Stuart M. Matlins and Arthur J. Magida, "Native American / First Nations" from *How to Be a Perfect Stranger, Vol. 2: A Guide to Etiquette in Other People's Religious Ceremonies*. (on reserve)
- Tink (George) Tinker, "Religion," from *Encyclopedia of North American Indians* (course pac, hereafter cp)
- Vine Deloria, Jr. "Reflection and Revelation," from *For This Land* (cp)

1.2 The Historical Roots of American Indian Cultural and Economic Dislocation

- Vine Deloria, Jr., "Out of Chaos," from *For This Land* (cp)
- Lynn White, Jr. "The Historical Roots of Our Ecological Crisis," from *Science, New Series*, Vol. 155, No. 3767 (available on JSTOR)
- David R. Lewis, "Essay on Native American Environmental Issues," (available on JSTOR)

Optional:

- Neal Salisbury, "Indian-White Relations in North America Before 1776," from *Encyclopedia of North American Indians* (reserve)
- R. David Edmunds, "Indian-White Relations in the United States, 1776-1900," from *Encyclopedia of North American Indians* (reserve)
- Donald L. Fixico, "Indian-White Relations in North America, 1900 to the Present," from *Encyclopedia of North American Indians* (reserve)

Meeting 2 (April 23): The Hohokam and O'odham Cultures

2.1 Hohokam Ethnogenesis and Irrigation.

- Frank Russell, "The Creation Myth," from *The Pima Indians*. (Available on Google Books)
- George Webb, "Legend of the Huhugam," from *A Pima Remembers* (cp)
- Paul Ezell, "Is There a Hohokam-Pima Culture Continuum?," from *American Antiquity*, Vol. 29, No. 1 (available on JSTOR)
- Linda Cordell, "Agriculture in the Desert: Gu Achi," from *Prehistory of the Southwest*. (cp)
- Donald Worster, "Comparing Papago and Hohokam Irrigation," from *Rivers of Empire* (cp)
- John P. Andrews and Todd W. Bostwick, "The Disappearance of the Hohokam?" City of Phoenix. https://www.phoenix.gov/parkssite/Documents/PKS_Pueblo_Grande_Museum/DesertFarmers.pdf
- George Webb, "Those Who Are Gone," from *A Pima Remembers* (cp).

2.2 O'odham Landscape, Culture, and Cosmology

- Ruth Underhill, "Supernaturals" from *Papago Indian Religion* (cp)
- Fontana, Bernard, "Of Earth and Little Rain. The Papago Indians" (cp)
- Background :Griffin-Pierce, Trudy, "The O'odham," Chapter 5 in T. Griffin-Pierce, *Native Peoples of the Southwest* (book available on reserve)

Meeting 3 (April 24). O'dham Ethnoecology and Ethnogeography

3.1 O'dham Landscape: Ethnoecology and Ethnogeography

- Ofelia Zepeda, "Introduction: Things That Help Me Begin to Remember," from *Ocean Power* (cp)
- Joe Joaquin, "Cultural Significance and the Land in Pima County." (handout).
- Ofelia Zepeda, "Wind," from *Ocean Power*. (cp)
- Harold Bell Wright, ed., "The Fields," from *Long Ago Told: Legends of the Papago Indians* (cp).
- Dean and Lucille Saxton, "Rain Goes Away" *Legends and Lore of the Papago and Pima Indians*. (cp)
- Julian Hayden, "Talking with the Animals: Pinacate Reminiscences," *Journal of the Southwest*, Vol. 29 (1987) <https://www.jstor.org/stable/40169563>
- Gary Nahban, "When the Spring of Animal Dreams Runs Dry," from *Cultures of Habitats*.(cp)

3.2 Pre-reservation O'dham Landscape Relations: Rain, Salt and Cactus

- Ofelia Zepeda, "Ocean Power," from *Ocean Power* (cp)
- Ruth Underhill, "Ocean Power," from *Singing for Power*.
- Joe Joaquin, "The Tohono O'odham Salt Pilgrimage" (cp)
- Gary Nahban, "Throwing Up the Clouds: Cactus Wine, Vomit, and Rain," from *The Desert Smells Like Rain*. (cp)

Optional:

- Andrea Addison-Sorey, "History of the Puerto Penasco Area: Part 3: Prehistory, Tohono O'odham Salt Pilgrimages" (handout).
- Jack O. Waddell, "The Place of the Cactus Wine Ritual in the Papago Indian Ecosystem," from *The Realm of the Extra-Human*, ed. Agehananda Bharati (cp)

Meeting 4 (April 25): Pre-reservation O'odham Landscape: Gathering, Agriculture and Healing

- "The Desert Speaks: Heart of the Sonoran Desert" (In Class Video)
- Dean and Lucille Saxton, "Where People Got Corn," from *Legends and Lore of the Papago and Pima Indians* (cp).
- Amadeo M. Rea, "Corn Man and Tobacco Woman in Pima Cosmology," from *Stars Above, Earth Below: American Indians and Nature*, ed. Marsha C. Bol (cp)
- Donald M. Bahr, "Pima and Papago Medicine and Philosophy," in *Handbook of North American Indians*, Vol. 10, Southwest (cp).

Optional:

- Edward Castetter and Willis H. Bell, "Cultivation and Utilization of Tobacco — A Ceremonial Crop," from *Pima and Papago Indian Agriculture* (cp).
- Chona/Ruth Underhill, *Papago Woman* (selections) (cp).
- Frank S. Crosswhite, "The Annual Saguaro Harvest and Crop Cycle of the Papago, with Reference to Ecology and Symbolism," from *Desert Plants*, vol. 2, No. 1 (cp)

Meeting 5 (April 29): Alienation, Accommodation, and Revitalization: Conquest

- *Background:* Edward H. Spicer, "Upper Pimas," from *Cycles of Conquest* (handout)
- Gary Nahban, "The Moveable O'odham Feast of San Francisco," from *Native Peoples*, vol. 4, No. 2 (1991) (handout).
- Pluralism Project. Baboquivari Mountain: Petroglyphs (AZ) <http://www.nativereligion.org/>
- Daniel McCool, "Federal Indian Policy and the Sacred Mountain of the Papago Indians," *Journal of Ethnic Studies*, Vol. 9, No. 3 (1981) (cp).
- Brenda Norrell, "Tohono O'odham: Caretakers Protecting Sacred Mountain," from *Indian Country Today*, March 24, 2004. <https://newsmaven.io/indiancountrytoday/archive/tohono-o-odham-caretakers-protecting-sacred-mountain-rRVrxqaDdUCGXMBuH1gGXA/>

Meeting 6 (April 30)

6.1 Alienation, Accommodation, and Revitalization: Divided by a Border

- “The Border Crossed Us” (In Class Movie)
- NPR, January 23, 2019 “Native American Leader: ‘A Wall Is Not The Answer’”.
<https://www.npr.org/2019/01/23/685812553/native-american-leader-a-border-wall-is-not-the-answer>
- PBS, Jan 13, 2019, “At U.S.-Mexico border, a tribal national fights wall that would divide them” (video) <https://www.pbs.org/newshour/show/at-us-mexico-border-a-tribal-nation-fights-wall-that-would-divide-them>
- YouTube. *The Border: The Tohono O’odham Nation*
- House of Representatives, Committee on Government Reform, Subcommittee on Criminal Justice Drug Policy and Human Resources, "The Impact of the Drug on Border Security and National Parks," March 10, 2003. (online).
- YouTube. *Border Patrol Town Hall 2013, on Tohono O'odham Nation*
- Paul Cicala, "Immigrants Leaving Mounds of Trash on Tohono O'odham Indian Sacred Lands," from *Indian Burial and Sacred Grounds Watch*. (online)

6.2 Alienation, Accommodation, and Revitalization: Gathering and Agriculture

- Gary Nabhan and Sara St. Antoine, "The Loss of Floral and Faunal Story," from *The Biophilia Hypothesis*, ed. Stephen R. Kellert and Edward O. Wilson (cp).
- Paul L. Allen, "Tohono O'odham Farming: Modernizing a Tradition," *Tucson Citizen*, November 25, 2003 (handout).
- Robert A. Hackenberg, "The U.S.-Mexico Borderlands in Century XXI," from *Culture and Agriculture* Vol. 19 (1997) Available online.
<https://onlinelibrary.wiley.com/doi/epdf/10.1525/cag.1997.19.3.94>.

Meeting 7 (May 1). Alienation, Accommodation, and Revitalization

7.1 Water

- Gary Nahban, "What to Do When the Rain is Dying?" from *The Desert Smells Like Rain*. (cp)
- Austin Nunez and Mary G. Wallace., "Solutions or Symbols? *An Indian Perspective on Water Settlements*," from *Indian Water in the New West*, ed. Thomas R. McGuire et al.
- Richard P. Narcia, "Testimony of Richard P. Narcia, *Gila River Indian Community before the House Subcommittee on Water and Power, October 2, 2003* (cp). .

7.2 Health.

- Native American Research and Training Center, (In Class Video) Diabetes and Desert Foods
- Youtube, “Water Rights and Diabetes in Arizona.”
- Gary Nahban, Diabetes, Diet, and Native American Foraging Traditions," from *Cultures of Habitat* (cp).
- Anne Raver, "In Desert, Finding Blooms that Heal," www.nytimes.com.
<https://www.nytimes.com/2000/03/30/garden/human-nature-finding-desert-blooms-that-heal.html>

Travel Readings. Read by May 9.

- Deborah Fallows, 2015, "Ajo, Arizona: Oasis in the Desert How a city with century-old "good bones" tries to reinvent itself." *The Atlantic*. <https://www.theatlantic.com/national/archive/2015/04/ajo-oasis-in-the-desert/389051/>
- Casey Kuhn, 2018, "Ajo Group Gets \$1.1M Federal Loan To Help Preserve Iconic Town Plaza". Link to article and audio file: <https://kjzz.org/content/641462/ajo-group-gets-1-1m-federal-loan-help-preserve-iconic-town-plaza>

May 2-11 Field Trip Outline (Detailed agenda to follow)

THE NATURE AND PURPOSE OF THE FIELD TRIP

Drawing upon the expertise of tribal members and local scholars, the field trip to the Tohono O'odham, Akimel O'odham, and Hia C-ed O'odham tribes of Arizona will provide our seminar with an experientially-based understanding of O'odham culture, economics and history as well as ongoing efforts of O'odham communities to maintain and to apply this knowledge to contemporary tribal life.

May 2: Travel to Phoenix

May 3: Phoenix / Tucson. * Pueblo Grande Phoenix * Casa Grande.

May 4-5: Tucson * Desert Museum * Saguaro National Park * Bill Broyles * San Xavier * Angelo Joaquin

May 6-8: Sells and Topawa * Tohono O'odham Community College * Himdag Ki, Tohono O'odham Museum and Cultural Center * Meetings with Tribal Government Officers and Staff * San Miguel Gate * HOPP * Baboquivari

May 9-10: Aho * International Sonoran Desert Alliance * Ajo Center for Sustainable Agriculture * Organ Pipe National Monument

May 11: Phoenix. Return to Virginia

ADMINISTRATION

The meetings and seminar for the Sells/Topawa portion of the trip will be run in conjunction with the Tohono O'odham Nation Cultural Affairs Office (CAO). The CAO Program Manager is Peter Steere. Mr. Steere has extensive experience and contacts with all three O'odham communities and has offered to help orchestrate the fieldtrip as well as participate as speakers. CAO's programs and its mission statement can be found here:

<http://www.tonation-nsn.gov/natural-resources/cultural-affairs/>

SAFETY AND SECURITY

As the O'odham reservation communities are friendly and peaceful, only the standard cautions observed by travelers need be followed when visiting them. In the event of emergency, there are Indian Health Service (an arm of the Public Health Service) hospitals and clinics on all O'odham reservations that are mandated to treat persons of any nationality in such cases.

Meeting 8 (May 13): Principles of Economic Development

- Cornell, Stephen and Joseph Kalt, 2007 “Two Approaches to the Development of native Nations: One Works, the Other Doesn’t” *RNN* Chapter 1.
- Begay et al., 2007, “Development, Governance, Culture: What are They and What Do They Have to Do with Rebuilding Native nations?”, *RNN*, Chapter 2.
- Joseph Kalt, “The Role of Constitutions in native Nation Building: Laying a Firm Foundation.”, *RNN* Chapter 4.
- “The Indian Reorganization Act of 1934”
- “The Indian Self-Determination and Education Assistance Act of 1975”
- Case of the Short-Lived Hia Ced District (Numerous news articles, handout)
- Kenneth Grant and Jonathon Taylor (2007) “Managing the Boundary between Business and Politics: Strategies for Improving the Chances for Success in Tribally Owned Enterprises”, *RNN*, Chap 7.
- Cornell, Stephen et al. (2007) “Citizen Entrepreneurship: An Underutilized Development Resource”, *RNN*, Chap 8.

Meeting 9 (May 14): Water Rights

- Ronald Reagan (1982) Veto of H.R. 5118, the proposed “Southern Arizona Water Rights Settlement Act of 1982.” <https://library.cqpress.com/cqalmanac/document.php?id=cqal82-858-25803-1162796>
- “Papago Water Bill Problems Resolved” Arizona Water Resources News Bulletin, July-Sept 1982. https://wrrc.arizona.edu/sites/wrrc.arizona.edu/files/awr_1982_july_sept_v82_n3_w.pdf
- Rebecca Tsosie, (2006) “Tribal Sovereignty and Intergovernmental Cooperation” in Tribal Water Rights, eds. Bitton, Colby and Thorson. (on reserve)
- Barbara Cosens, (2006) “The Arizona Homeland Standard Measure of Indian Water Rights” in Tribal Water Rights, eds. Bitton, Colby and Thorson. (on reserve)
- Sarah Britton (2006) “Groundwater, Tribal Rights and Settlements” in Tribal Water Rights, eds. Bitton, Colby and Thorson. (available on reserve)
- Sarah Britton (2006) “Allotment Water Rights” in Tribal Water Rights.
- Bonnie Colby (2006) “What makes Water Settlements Successful?” in Tribal Water Rights.

Optional:

- Robert Glennon and Michael J. Pearce (2007) Transferring Mainstem Colorado River Water Rights: The Arizona Experience”, *Arizona Law Review* 49
- John F. Seymour (2004) “Hardrock Mining and the Environment: Issues of Federal Enforcement and Liability”
- *Ecology Law Quarterly*, 31(4), 795-955.(esp. 824-857). (Available from HeinOnline)

Meeting 10 (May 15): The Border

- Megan S. Austin, 1991, “A Culture Divided By the United States-Mexico Border: Tohono O’odham Claim for Border Rights”, *Arizona Journal of International and Comparative Law*, 8(2), 97-116. (available from HeinOnline)
- Tyche Hendricks, Dec 3, 2005, “On the Border: For the Tohono O’odham, the U.S. Mexican border is a recent and difficult development” San Francisco Chronicle, <http://www.sfgate.com/news/article/ON-THE-BORDER-For-the-Tohono-O-odham-the-2558506.php>
- May 19, 2009 “Border Tribe In Midst of Drug Smuggling Crisis”, NPR News (includes audio segment) <http://www.npr.org/templates/story/story.php?storyId=104255061>
- Byron Pitts and Dan Lieberman, June 27, 2013, “In Efforts to Secure US-Mexico Border, Ariz. Native Americans Feel Caught in the Middle” (includes video documentary) <http://abcnews.go.com/US/efforts-secure-us-mexico-border-ariz-native-americans/story?id=19496394>
- Perla Trevizo, July 14, 2016, “Beyond the Wall: Border Fence Cuts Tohono O’odham nation in Half” Arizona daily Star. http://tucson.com/special-section/beyond-the-wall/beyond-the-wall-border-fence-cuts-tohono-o-odham-nation/article_24421a1a-49f2-11e6-b126-535218caaf8f.html
- Gabriela Maya Bernadett, “Tribal Members Unwelcome at US-Mexico Border Gate” in ICMN (4/4/2016). <http://indiancountrytodaymedianetwork.com/2016/04/04/tribal-members-unwelcome-us-mexico-border-gate-164018>

Meeting 11 (May 16): Health Revisited and Poster Preview

- Carolyn M. Smith-Morris (2004) “Reducing Diabetes in Indian Country: Lessons from the Three Domains Influencing Pima Diabetes.” *Human Organization*: Vol. 63, No. 1, pp. 34-46. <http://dx.doi.org/10.17730/humo.63.1.mfp4tupu29tcvnmq>
- Meda E. Pavkov, et al. (2007) “Changing Patterns of Type 2 Diabetes Incidence Among Pima Indians” *Diabetes Care* 30 (7) 1758-1763; DOI: 10.2337/dc06-2010
- “Nation will control IHS health services beginning in July” April 1, 2016, *The Runner*.
- “Tribe’s takeover of IHS is tied to setting its own destiny”, April 15, 2016, *The Runner*.
- “For patients, tribe’s takeover of IHS will be un-noticeable” May 20, 2016, *The Runner*.
- “Transfer of health delivery services from IHS to the Tohono O’odham Nation is going smoothly so far” July 15, 2016, *The Runner*.
- Adelman, Larry et al (2008) “Episode IV: Bad Sugar” from *Unnatural causes: is inequality making us sick? (DVD) – Show in class*.

May 17: Poster Session. Leyburn.