Andrew Ogram
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CITIZENSHIP: USA; Overseas Citizen of India

RESEARCH INTERESTS: Microbial ecology of biogeochemical cycles and contaminant transformations in oxic and anoxic systems; dissemination of antibiotic resistance genes in soils; and impacts of different cropping systems on soil health.

PROFESSIONAL PREPARATION:

B.S. (Zoology), University of Florida, Gainesville, December 1977.
M.S. (Soil Science), University of Florida, Gainesville, August 1984.
Ph.D. (Microbiology), University of Tennessee, Knoxville, December 1988.

EMPLOYMENT:

2024-present:	Emeritus Professor, University of Florida
2023-2024:	Associate Director, Global Food Systems Institute, University of Florida (0.5 FTE)
1996-2024:	Assistant, Associate, and Professor, Soil, Water, and Ecosystems Sciences Dept., University of Florida, Gainesville, FL 32611-0290.
2017-2018:	Program Officer, Established Program to Stimulate Competitive Research (EPSCoR), National Science Foundation, Alexandria, VA.
1990-1996:	Assistant Professor, Department of Crop and Soil Sciences, Washington State University, Pullman, WA 99164-6420.
1988-1990:	National Research Council Post-Doctoral Fellow, US EPA, Gulf Breeze, FL.

RECENT SYNERGISTIC ACTIVITIES

- PADI Master Diver Certification, including Rescue and Wreck certs. TDI Cavern cert.
- 2025: Visiting Professor, School of Biotechnology, Kalinga Institute of Industrial Technology, Bhubaneswar, India.
- 2024: Keynote speaker, Microbial Technologies for Sustainable Bioeconomies; sponsored by Indian Association of Microbiologists; organized by Central University of Rajasthan.
- 2022: Keynote speaker, Ecosystem Functioning in the Anthropocene Symposium. On-line symposium organized by Banaras Hindu University, Varanasi, India.
- 2022: Keynote speaker, Kansas NSF EPSCoR annual meeting.
- 2021-2023: Member, Soil Science Society of America Working Group to establish relations with the Soil Science Society of China.
    - Chair, Meetings and Workshops sub-committee. The objectives of this subcommittee are to establish a roadmap for conducting joint on-line and in-person symposia between the two societies.
- 2020: Chair, USDA/ARS National Program 212 Soil and Air Review. A committee of five members from various universities conducted the five-year review of NP212, an ARS program focused on

developing and evaluating approaches to management of soils resources, managing nutrients in agroecosystems, and reducing environmental risk from agricultural operations.

- 2019-2023: Member, External Advisory Committee, Kansas EPSCoR Program (MAPS). Evaluate and provide suggestions for improvement of Kansas' NSF EPSCoR Track 1 ($20 million, four years) program to link the microbiomes of plants, soils, and surface waters along a precipitation gradient across the state.
- 2017-2018: Program officer, National Science Foundation, EPSCoR (Established Program to Stimulate Competitive Research). My role as program officer was to manage large ($20 million) awards intended to raise the scientific competitiveness of jurisdictions with low amounts of NSF funding. This included organizing and running proposal review panels, evaluating annual reports, conducting site visits, and more.
- 2015: Co-Editor (book): Microbial Ecology of the Florida Everglades. CRC Press.
- 2011: Member, USDA/CSRES Review Team, Land, Resources, and Environmental Sciences Department, Montana State University, Bozeman, MT.

RECENT UNIVERSITY OF FLORIDA SERVICE:

- 2021-2022: UF/IFAS Research Dean's Fellow: My project was to evaluate the need for an IFAS International Programs and to suggest approaches to reconstitute the Office of International Program (OIP). OIP was largely disbanded in 2017, and a need exists to reconstitute the Office.
- 2021: SWSD representative for Training the Trainer, a program to train senior faculty members on best approaches to mentor younger faculty. Will transfer these approaches to faculty mentors in workshops offered at the college level.
- 2021: Chair, Search and Screen Committee for Soil Scientist tenure track position at the Southwest Florida Research and Education Center, Immokalee.
- 2019-present: Chair, SWSD Faculty Advisory Committee. Provide advice to SWSD chair on variety of issues. Major activities included: writing SWSD bylaws; development of strategic plan; advising the chair on the direction of new faculty hires.
- 2020: Completed Study Abroad Leadership Program organized by UF International Center.
- 2016-2017: Chair, Search and Screen Committee, SWSD Soil and Water Microbiologist tenure track position.
- 2016-2017 member of IFAS Faculty Assembly Executive Committee
- 2014-2017: IFAS Faculty Assembly Infrastructure and Resources Committee;
    - Member (2014-2016)
    - Chair (2016-2017)
- 2016-2017 member of IFAS Faculty Assembly Executive Committee
- 2016-2017: Advisory Committee, IFAS Dean for Research
- 2011-2015: UF General Education Committee
- 2014: UF Distance Education Platform Working Group
- 2009-2012: SWSD Graduate Coordinator
- *Review Panels, Internal Competition*:
    - Pew Scholars Program in the Biomedical Sciences (2016);
    - Review Panel, Internal Competition for UF Research Opportunity Seed Fund, Biology (2014).

NATIONAL AND INTERNATIONAL SYMPOSIA ORGANIZED AND CONVENED

- 2015: Co-organizer and Co-convener, Dedicated session on mercury in the Everglades; GEER (Greater Everglades Ecosystem Restoration) Conference, held in Coral Springs, FL.

- 2014: Co-Organizer and Co-Convener, Special Symposium (Insights into the Molecular Ecology of Phosphorus Biogeochemistry from Diverse Aquatic Ecosystems); Joint Aquatic Sciences Meeting, Portland, OR.
- 2012: Organizer and convener, Special Symposium (Linking Microbial Community Structure with Green House Gas Emissions); INTECOL Wetlands Conference, Orlando, FL.
- 2012: Organizer and convener of special symposium, Microbial Ecology of Nutrient Impacts, INTECOL Wetlands Symposium, Orlando, FL USA.
- 2009: Plenary speaker, organizer, and convener of Microbial Ecology and Wetland Biogeochemistry session, Annual meeting of Society of Wetland Scientists, Madison.
- 2008: Organizer and Convener, It's not always about acetate: alternate pathways toward methanogenesis; General Meeting of the American Society for Microbiology, Boston.
- 2007: Keynote speaker for special symposium at annual meeting of International Association of Landscape Ecology, Wageningen, NL.
- 2004: INTECOL, Utrecht, NL; Organizer and convenor, special symposium: Linkages Between Microbial Community Composition and Biogeochemical Processes Across Scales.

FEDERAL REVIEW PANELS, EDITORIAL BOARDS, AND T&P APPLICATIONS

- *Federal review panels*:
    - NSF: BIO 1997-1998; 2000; 2002-2006; 2007; 2009; 2016; EPSCoR: 2015, 2016, 2021 (2 panels in 2021).
    - USDA/NIFA: Soil biology panel; 2021
    - US EPA: 1996; 1997; 2001
    - US Department of Energy:2007 (2 panels)
- *Journal Editorial Boards*: Microbial Ecology (current); Applied and Environmental Microbiology (current); Journal of Microbiological Methods (1993-2016).
- *Ad Hoc Journal Reviewer*: ISME Journal; Applied and Environmental Microbiology; Environmental Science & Technology; Soil Biology & Biochemistry; FEMS Microbiology Ecology; etc.
- *American Public Health Association*:
    - 2016 and 2019: Reviewed abstracts related to environmental health for annual meeting
- *Recent Promotion and Tenure Reviews*: Distinguished Professor: one; Professor: four; Associate Professor with tenure: three.

HONORS AND AWARDS

- 2023: Second and Third places, UF International Center photography competition
- 2022: UF/IFAS International Educator Award
- 2021-2022: UF/IFAS Research Dean's Fellow
- 2019-2021: University Term Professorship
- 2019: Applied and Environmental Microbiology, Article of Significant Interest: Bae, H.S., F.E. Dierberg, and A. Ogram. 2019. Periphyton and flocculent materials are important ecological compartments supporting abundant and diverse mercury methylator assemblages in the Florida Everglades. Appl. Environ. Microbiol.,
  DOI: 10.1128/AEM.00156-19.
- 2016: Global Initiative for Academic Network (GIAN) Visiting Professorship, Central University of Gujarat, India.
- 2014: Recommended by Faculty of 1000 and featured on cover of AEM: Bae, H.S., F.E. Dierberg, and A. Ogram. 2014. Syntrophs Dominate Sequences Associated with the Mercury Methylation-

Related Gene *hgcA* in the Water Conservation Areas of the Florida Everglades. Appl. Env. Microbiol., 20:6517-6526.

- 2012: Anderson Faculty Honoree (College of Liberal Arts and Sciences) for undergraduate mentoring, 2012
- 2012: Best Teacher Award: Nanjing University Summer School on Environmental Remediation
- 2009-2011: University of Florida Research Foundation Professorship
- 2008: College of Agriculture and Life Sciences nominee for UF Doctoral Dissertation Advisor/Mentoring Award
- 2007: Keynote speaker for special symposium at annual meeting of International Association of Landscape Ecology, Wageningen, NL.
- 2006: ASM Indo-US Professorship. Sponsored Dr. Krishna Sundari of Jaypee Institute of Technology, New Delhi.
- 2005: ASM Indo-US Professorship. IMTECH, Chandigarh, India.
- 1988-1990: National Research Council Fellowship
- 1985-1988: NIH Training Grant, University of Tennessee, Knoxville.
- 1984: Best thesis or dissertation award, Soil Science Department, University of Florida

STUDENT HONORS AND AWARDS

- 2023: Adesuwa Ehunmwunse (co-chair), SWESD Dissertation.
- 2017: Elise Morrison, SWSD Outstanding Dissertation.
- 2015: Elise Morrison, Francis Clark Award for Outstanding Graduate Student in Soil Biology, Soil Science Society of America.
- 2015 Best Poster Awards, SWSD Research Forum: Laibin Huang and Elise Morrison
- 2013-2017: Laibin Huang, awarded Water Institute Fellowship
- 2013-2014: Arnav Gupta, Undergraduate University Scholar
- 2013: Elise Morrison, Smithsonian Short-Term Fellowship.
- 2013: Chris Weidow, Outstanding MS Thesis, SWSD
- 2009-2013: Christopher Weidow, UF Alumni Fellowship.
- 2006: Jason Smith, SWSD Award for outstanding MS thesis.
- 2005: Yun Cheng, Honorable Mention, American Chemical Society Agrichemicals Division Graduate Student Competition.
- 2005: Jason Smith, NASA Summer Fellowship
- 2003: Hector Castro, SWSD Outstanding Dissertation
- 2002: Kanika Sharma, SWSD Outstanding Dissertation
- 2002: Kanika Sharma, 2nd Place, ACS Agrochemicals Division, Student Competition
- 2001: V. Ramakrishnan, First Place, University of Florida Graduate Research Forum

TEACHING RESPONSIBILITIES:

- SWS6363 Advanced Soil Microbial Ecology (with M. Fujimoto, J. Meyer, S. Strauss, H-L Liao).
- SWS4303/5305 Soil Microbial Ecology (on campus and DE sections)
- SWS4550/5551 Soils, Water, and Public Health (on campus and DE sections)
- Faculty Coordinator for the SWSD graduate certificates in:
    - Bioremediation and Biodegradation
    - Soil, Water, and Public Health

INTERNATIONAL EDUCATION:

- 2021: Farmer-2-Farmer project with Guyana to educate Guyanese representatives on practical applications of mycorrhizae. With Abid al-Agely.
- 2016: GIAN short course: Microbial Ecology of Biodegradation and Bioremediation, Central University of Gujarat, India. Two weeks (24 hours of lectures) in January 2016. Over 60 participants from around India. GIAN Professorships are sponsored by the Government of India and intended to establish connections between Western academics and Indian universities. Ogram was in the first batch of GIAN awardees.
- 2014-2016: Educational collaboration with Dr. Milko Jorquera, Universidad de la Frontera, Temuco, Chile. Ogram visited Jorquera's lab for two weeks each year, and a student of Jorquera's visited Ogram's lab for six months each year.
- 2012: Lecturer in Environmental Science summer course, Nanjing University, China
- 2008-2010: Major advisor, Miriam Githongo in nonthesis M.S., SWSD in Nairobi, Kenya. Miriam was part of a cooperation between IFAS and CGIAR to support a few graduate students in Kenya and Uganda.
- 2006: Fundamental applications of Ecto and Endomycorrhizal Fungi; sponsored by ASM as part of Indo-US professorship awarded to Krishna Sundari (Jaypee Institute of Technology) and Ogram. Held at University of Florida.
- 2005: Molecular ecology of bioremediation; sponsored by ASM as part of Indo-US professorship awarded A. Ogram and RK Jain (IMTECH). Held at IMTECH, Chandigarh, India. This was a practical laboratory course that attracted over 100 applications from around India for 20 slots.
- 2003: Practical course in molecular ecology, sponsored by UF IFAS and Bangalore University. Bangalore, India. This was a laboratory-based course that was attracted over 100 applicants from around India for 12 slots.
- External Dissertation Reviews: West Bengal University of Technology, Kolkata, India (1 review); Thapur University, Patiala, India (3 reviews); IIT Madras (1 review)

INTERNATIONAL VISITING RESEARCH SCHOLARS:*Dr. Debarati Paul, January-February, 2014*

- Dr. Xiao Rong, Beijing Normal University, Beijing, China, August 2010-February 2011.
- Dr. T. Kalaiselvi, Tamil Nadu Agricultural University, Coimbatore, India. February 2010.
- Dr. Kumar Sand, Bangalore, India: February 2005-December 2005.
- Dr. Irina Kravchenko, Winogradsky Institute of Microbiology, Moscow, Russia: June 2004.
- Dr. K.R. Park, Hannam University, Daejeon, Korea: August 2003-July 2004.
- Dr. Krishna Sundari, Jaypee Institute of Technology, New Delhi, India, May-June 2004.

MEMBERSHIPS IN PROFESSIONAL SOCIETIES

- American Society for Microbiology
- American Public Health Association
- Soil Science Society of America
- Agronomy Society of America
- Society of Catholic Scientists

AFFILIATIONS

- UF Water Institute
- UF Center for Stress Resilient Agriculture
- UF One Health Center of Excellence

PEER REVIEWED JOURNAL PUBLICATIONS

- Nepal, J., Xiaoping Xin, Gabriel Maltais-Landry, Wiqar Ahmad, Alan L Wright, Andrew Ogram, Peter J Stoffella, Zhenli He. 2025. Comparing carbon nanomaterial and biochar as soil amendment in field: influences on soil biochemical properties in coarse-textured soils. Nut Cycl. Agroecosystems. 130:233-253.
- Fall, T., Kanika Inglett, Andrew V Ogram, Patrick Inglett, Bruce Schaffer, Yuncong Li, Kelly Morgan, Guodong Liu. 2025.Phosphorus dynamics in high-legacy soils: acid phosphatase activity, extraction techniques and isotherm in Florida potato fields. Agriculture **https://doi.org/10.3390/agriculture15192048**
- McAmis, S., HS Bae, A. Ogram, B. Rathinasabapathi, and B. Spakes-Richter. 2024. Living mulches present tradeoffs between nutrient cycling and competition during establishment of tea in an organic production systems. App. Soil Ecol. https://doi.org/10.1016/j.apsoil.2024.105350
- Erhunmwunse, A.S., C.L. Mackowiak, A.R.S. Blount, J.C.B. Dubeux, A. Ogram, and H-L. Liao. 2023. Short-term perennial peanut integration into bahiagrass system influence on soil microbial-mediated nitrogen cycling activities and microbial co-occurrence networks. European J. Soil Biol. 119:103566.
- Nepal, J., X. Xin, G. Maltais-Landry, W. Ahmad, J. Pereira, S. Santra, A. Wright, A. Ogram, P. Stofella, Z. He. 2023. Carbon nanomaterials are a superior soil amendment for sandy soils than biochar based on impacts on lettuce growth, physiology and soil biochemical quality. NanoImpact 31:100480.
- Campos, M.A., Q. Zhang, J. Acuña, J.I Rilling, T. Ruiz, E. Carrazana, C. Reyno, A. Hollenback, K. Gray, D.P. Jaisi, A. Ogram, J. Bai, L. Zhang, R. Xiao, M. Elias, M. Sadowsky, J. Hu, M. Jorquera. 2023. Structure and functional properties of bacterial communities in surface sediments of the recently declared nutrient-saturated Lake Villarrica in southern Chile. Microbial Ecology 86:1513.
- Marco A Campos, Qian Zhang, Jacquelinne J Acuña, Joaquin I Rilling, Tay Ruiz, Elizabeth Carrazana, Cristóbal Reyno, Anthony Hollenback, Katelyn Gray, Deb P Jaisi, Andrew Ogram, Junhong Bai, Ling Zhang, Rong Xiao, Mikael Elias, Michael J Sadowsky, Jingming Hu, Milko A Jorquera. 2023. Structure and functional properties of bacterial communities in surface sediments of the recently declared nutrient-saturated Lake Villarica in Southern Chile. Microbial Ecology https://doi.org/10.1007/s00248-023-02173-2
- Campos, M., J. Acuna, J. Rilling, S. Gonzalez-Gonzaelz, F. Pena-Cortes, D. Jaisi, A. Hollenback, A. Ogram, J. Bai, L. Zhang, R. Ziao, M. Jorquera. 2022. J. Environment. Mgmt. https://doi.org/10.1016/j.jenvman.2022.115906
- Huang, L., H.S. Bae, C. Young, A. Pain, J. Martin, and A. Ogram. 2021. Campylobacterota dominate the microbial communities in a tropical karst subterranean estuary, with implications for cycling and export of nitrogen to coastal waters. Environmental Microbiology, 23 (11), 6749-6763. https://doi.org/10.1111/1462-2920.15746
- Sidhu, H., H.S. Bae, A. Ogram, G. O'Connor, F. Yu. 2021. Azithromycin and ciprofloxacin can promote antibiotic resistance in biosolids and biosolids-amended soils. Appl. Environ. Microbiol. DOI: https://doi.org/10.1128/AEM.00373-
- Campos, M., J. Rilling, J. Acuna, T. Valenzuela, G. Larama, F. Pena-Cortes, A. Ogram, D. Jaisi, and M. Jorgera. 2021.Spatiotemporal variations and relationships of phosphorus, phosphomonoestorases, and bacterial communities in sediments from two Chilean rivers. Science of the Total Environment. https://doi.org/10.1016/j.scitotenv.2021.145782
- Morrison, E., P. Thomas, A. Ogram, T. Kahveci, B. Turner, and J. Chanton. 2021. Characterization of bacterial and fungal community structure and networks in a tropical peatland. Microbial Ecology. **82,** 188–201. https://doi.org/10.1007/s00248-020-01483-z.

- Murali, V., H. Sandhu, J. Erickson, and A. Ogram. 2020. Soil chemical and biological fertility, microbial community structure and dynamics in successive and fallow sugarcane planting systems. Agroecology and Sustainable Food Systems, 44:6, 768-794, DOI: 10.1080/21683565.2019.1666075
- Murali, V., H. Sandhu, J. Erickson, and A. Ogram. 2019. Amending sugar cane monoculture through crop rotations and fungicides: Effects on soil chemical and microbial properties, and sucrose yields. Crop & Pasture Science,70:990-1003.
- Murali, V., H. Sandhu, J.E. Erickson, and A. Ogram. 2019. Soil chemical and biological fertility, microbial community structure and dynamics in successive and fallow sugarcane planting systems. Agroecol. Sustain. Food Systems. https://doi.org/10.1080/21683565.2019.1666075
- Bae, H.S., F.E. Dierberg, and A. Ogram. 2019. Periphyton and flocculent materials are important ecological compartments supporting abundant and diverse mercury methylator assemblages in the Florida Everglades. Appl. Environ. Microbiol., **DOI:** 10.1128/AEM.00156-19. *Featured as an "Article of Significant Interest" in the issue*.
- McCaskill, G., S. Jose, and A. Ogram. 2019. Low-dose herbicide effects on tree establishment and soil biogeochemistry within pine savannas. Soil Sci. Soc. Am. J., doi:10.2136/sssaj2018.09.0347
- Sidhu, H., G. O'Connor, A. Ogram, and K. Kumar. 2019. Bioavailability of biosolids-borne ciprofloxacin and azithromycin to terrestrial organisms: Microbial toxicity and earthworm responses. Sci. Tot. Environ. 650:18-26.
- Ward, N., E. Morrison, T. Osborne, Y. Liu, A. Ubach, A. Ogram, and T. Bianchi. 2019. Marine microbial community responses related to wetland carbon mobilization in the coastal zone. Limnol. Oceanog. Lett. 4:25-33.
- Bae, H.S., L Huang, JR White, J Wang, RD DeLaune, A Ogram. 2018. Response of microbial populations regulating nutrient biogeochemical cycles to oiling of coastal saltmarshes from the Deepwater Horizon oil spill. Environmental Pollution 241: 136-147.
- McCaskill, G., S. Jose, A. Chauhan, AV Ogram. 2018. Soil nitrogen dynamics as an indicator for longleaf pine restoration. Restoration Ecology 26:264-274.
- Bae, H.S., E. Morrison, JP Chanton, A Ogram. 2018. Methanogens are major contributors to nitrogen fixation in soils of the Florida Everglades. Appl. Environ. Microbiol. 02222-17.
- Henson, W., L .Huang, W. Graham, A. Ogram. 2017. Nitrate reduction mechanisms and rates in an unconfined eogenetic karst aquifer in two sites with different redox potential. Journal of Geophysical Research: Biogeosciences 122: 1062-1077.
- Morrison, E., L. Lagos, A. Al-Agely, H. Glaab, W. Johnson, M. Jorquera, and A. Ogram. 2017. Mycorrhizal inoculation increases genes associated with nitrification and improved nutrient retention in soil. Biology and Fertility of Soils 53: 275-279.
- Kim, H., A Ogram, and HS Bae. 2017. Nitrification, anammox, and denitrification along a nutrient gradient in the Florida Everglades. Wetlands 37: 391-399.
- Pathak, A., Ashvini Chauhan, Jochen Blom, Karl J. Indest, Carina M. Jung, Paul Stothard, Gopal Bera, Stefan J. Green, and Andrew Ogram. 2016. Comparative Genomics and Metabolomics Reveals Peculiar Characteristics of *Rhodococcus opacus* strain M213 Particularly for Naphthalene Degradation. PLOS One, DOI:10.1371/journal.pone.0161032.
- Kim, H., H.S. Bae, K.R. Reddy, and A. Ogram. 2016. Distributions, abundances and activities of microbes associated with the nitrogen cycle in riparian and stream sediments of a river tributary. Water Res. 106:51-61.
- Banik, C., W. Harris, A. Ogram, V. Nair. 2016. Carbon, iron, and aluminum responses to controlled water table fluctuations in sandy soil material. J. Soil. Sediments. DOI 10.1007/s11368-016-1444-z.

- Jorquera, M.A., F. Maruyama, A. Ogram, O. Navarrete, L. Lagos, N. Inostroza, J. Acuña, J. Rilling, M. de La Luz Mora. 2016. Rhizobacterial community structures associated with native plants grown in Chilean extreme environments. Microbial Ecology, DOI: 10.1007/s00248-016-0813-x.
- Acuña, J., Paola Durán, Lorena M. Lagos, Andrew Ogram, María de la Luz Mora, and Milko A. Jorquera. 2016. Bacterial alkaline phosphatase in the rhizosphere of plants grown in Chilean extreme environments. Biol. Fert. Soils, DOI 10.1007/s00374-016-1137-1
- Morrison, E., S. Newman, H.S. Bae, Z. He, J. Zhou, K.R. Reddy, and A. Ogram. 2016. Microbial genetic and enzymatic responses to an anthropogenic phosphorus gradient within a subtropical peatland. Geoderma 268:119-127.
- Bae, H-S., M. Elizabeth Holmes, Jeffrey P. Chanton, K. Ramesh Reddy, A. Ogram. 2015. Distribution, Activities, and Interactions of Methanogens and Sulfate Reducing Prokaryotes in the Florida Everglades. Appl. Environ. Microbiol., 81:7431-7442.
- Lagos, L., F. Maruyama, P. Nannipieri, M. Luz Mora, A. Ogram, and M.A. Jorquera. 2015. Current overview on the study of bacteria in the rhizosphere by modern molecular techniques: a mini–review, Journal of Soil Science and Plant Nutrition, 15: 504-523.
- Weidow, C., H.S. Bae, A. Chauhan, and A. Ogram. 2015. Diversity and distribution of actinobacterial aromatic ring oxygenase genes across contrasting soil properties. Microbial Ecology, 69:676-683.
- Holmes, B.E., J. Chanton, M. Tfaily, and A. Ogram. 2015. CO_2 and CH_4 isotope compositions and production pathways in a tropical peatland. Global Biogeochemical Cycles, 29:1–18.
- Gohil, H., A. Ogram, and J. Thomas. 2014. Stimulation of anaerobic biodegradation of DDT and its metabolites in a muck soil: laboratory microcosm and mesocosm studies. Biodegradation 25:633-642.
- Bae, H.S., F.E. Dierberg, and A. Ogram. 2014. Syntrophs Dominate Sequences Associated with the Mercury Methylation-Related Gene *hgcA* in the Water Conservation Areas of the Florida Everglades. Appl. Env. Microbiol., 20:6517-6526. *Featured on October 2014 (vol. 20) cover and recommended by Faculty of 1000.*
- Holmes, B.E., J. Chanton, H.S. Bae, and A. Ogram. 2013. Effect of nutrient enrichment on $\delta^{13}C$ and the methane production pathway in the Florida Everglades. J. Geophys. Res. 118:1-11.]
- Zeleke, J., Shui-Long Lu, Jian-Gong Wang, Jing-Xin Huang, Bo Li, Andrew Ogram, and Zhe-Xue Quan.2013. Methyl coenzyme M reductase A (*mcrA*) gene-based investigation of methanogens in the mudflat sediments of Yangtze River estuary, China. Microbial Ecology 66: 257-267.
- Pathak, A., S. Greene, A. Ogram, and A. Chauhan. 2013. Draft Genome Sequence of *Rhodococcus opacus* strain M213 Shows a Diverse Catabolic Potential. Genome Announcements, doi:10.1128/genomeA.00144-12.

- Chauhan, A., A. Pathak, and A. Ogram. 2012. Phylogeny of methane oxidizing prokaryotes along a nutrient gradient in the Florida Everglades. Microbial Ecol. 64:750-759.
- Inglett, K.S., H.S. Bae, K. Hatfield, and A. Ogram. 2011. *Clostridium chromireducens*, a novel chromium reducing bacterial species. Int. J. Syst. Evol. Microbiol. 61: 2626–2631
- Ye, R., A.L. Wright, K. Inglett, Y. Wang, A.V. Ogram, and K.R. Reddy.2010. Land use effects on soil nutrient cycling and microbial community dynamics in the Everglades Agricultural Area, Florida Commun. Soil Sci. Plant Anal.
- Araujo, Q., A. Al-Agely, A. Ogram, N. Comerford, R. Veluci, E. Gross, V. Baligar.2008. Mycorrhizae associated with Brazilian coastal tableland soils. Agrotropica 20:45-52.
- Smith, J., and A. Ogram. 2008.Genetic and functional variation in denitrifier populations along a short-term restoration chronosequence in the Florida Everglades. Appl. Environ. Microbiol. 74: 5615-5620.
- Jasrotia, P., and A.V. Ogram 2008. Diversity of *nifH* Genotypes in Floating Periphyton Mats Along a Nutrient Gradient in the Florida Everglades. Current Microbiology 56:563-568.
- Uz, I., A. Chauhan, and A. Ogram. 2007. Cellulolytic, fermentative, and methanogenic guilds in benthic periphyton mats from the Florida Everglades. FEMS Microbiol. Ecol. 61:337-347.
- Smith, J., H. Castro, and A. Ogram. 2007. Methanogenesis and Methanogens along a short term chronosequence in the Florida Everglades. Appl. Environ. Microbiol. 73:3135-3141.
- Corstanje, R., K. R. Reddy, J.P. Prenger, S. Newman and A.V. Ogram. 2007. Soil microbial eco-physiological response to nutrient enrichment in a sub-tropical wetland. Ecological Indicators 7:277-289.
- Chauhan, A., and A. Ogram. 2006. Phylogeny of acetate utilizing microorganisms in soils along a nutrient gradient in the Florida Everglades. Appl. Environ. Microbiol. 72:6837-6840.
- Chauhan, A., and A. Ogram. 2006. Fatty acid oxidizing guilds in the Florida Everglades. Appl. Environ. Microbiol., 72:2400-2406.
- Chauhan, A., K.R. Reddy, and A.V. Ogram. 2006. Syntrophic-Archaeal associations in a nutrient-impacted freshwater marsh. J. Appl. Microbiol., 100:73-84.
- Uz, I., and A. Ogram. 2006.Cellulolytic and fermentative guilds in the Florida Everglades. FEMS Microbiol. Ecol. 57:396-408.
- Ogram, AV, H. Castro, E. Stanley, W. Chen, and J. Prenger. 2006. Distribution of methanotrophs in managed and highly degraded watersheds. Ecological Indicators 6:631-643.
- Castro, H., S. Newman, K.R. Reddy, and A.V. Ogram. 2005. Distribution and stability of sulfate reducing prokaryotic and hydrogenotrophic methanogenic assemblages in nutrient-impacted regions of the Florida Everglades. Appl. Environ. Microbiol. 71:2695-2704.
- Sharma, K**.**, P. W. Inglett, K. R. Reddy, and A. V. Ogram. 2005. Microscopic examination of photoautotrophic and phosphatase-producing bacteria in phosphorus-limited Everglades periphyton mats. Limnol. Oceanog. 50:2057-2062.
- Chauhan, A., and A. Ogram. 2005. Evaluation of support matrices for immobilization of anaerobic consortia for efficient carbon cycling in waste regeneration. Biochem. Biophys. Res. Com. 327:884-93.
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- Ogram, A. 2001. Are soils in agricultural and natural ecosystems a source of the anthrax bacterium? University of Florida Cooperative Extension Information Service (EDIS). This extension bulletin was written in response to national concerns of bioterrorism involving anthrax. Over 3,780 reads after 2002 (data not available for 2001).

Invited Presentations:

- 2024: Keynote speaker; Microbial Technologies for Sustainable Bioeconomies; sponsored by Indian Association of Microbiologists; organized by Central University of Rajasthan.
- 2022: Keynote speaker, Ecosystem Functioning in the Anthropocene Symposium. On-line symposium organized by Banaras Hindu University, Varanasi, India.
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- Ogram, A., H.S. Bae, and FE Dierberg. 2017. Phylogenetic Distribution of Mercury Methylators in the Water Conservation Areas. Greater Everglades Environmental Restoration Conference. Coral Springs, FL.
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- Huang, L., A. Pain, C. Young, J. Martin, and A. Ogram 2016. Analysis of Microbial Communities Associated with Groundwater Discharge in the Yucatan Peninsula. American Water Resources Association, Orlando, FL.
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