



Health and Environmental Change: Pushing Research Boundaries Through Arizona-France Cooperation



Wednesday, November 16th, 2022 | 8:30a.m. – 4:15p.m

University of Arizona | Health Sciences Innovation Building

1670 E. Drachman Street – 5th floor Room 567

[REGISTRATION](#)



Workshop Program

- 8:30 a.m. – 9:00 a.m. Introduction
- Dr. Iman Hakim
Professor and Dean, Mel and Enid Zuckerman College of Public Health, University of Arizona
- Dr. Laurent Nicolas
CNRS Research Director, National Institute of Systems Science and Engineering

SESSION 1: The OneHealth Perspective

- 9:00 a.m. – 9:15 a.m. Dr. Frank von Hippel
Professor, Community, Environment and Policy Department, and Lead, OneHealth Research Initiative, University of Arizona
Title TBA
- 9:15 a.m. – 9:30 a.m. Dr. Frédéric Keck
CNRS Senior Researcher, Department of Social Anthropology, Collège de France, Paris
One Health : a social sciences approach
- 9:30 a.m. – 9:45 a.m. Dr. Michael Canva
CNRS Senior Researcher, LN2 International Research Laboratory, CNRS, University of Sherbrooke
CNRS International Laboratories for the convergence of science, technology, engineering, and social sciences in global change research
- 9:45 a.m. – 10:00 a.m. Short discussion
- 10:00 a.m. – 10:15 a.m. Tea/Coffee Break

SESSION 2: Climate change and governance for resilience

- 10:15 a.m. – 10:30 a.m. Dr. Sabrina Helm
Associate Professor, Norton School of Family and Consumer Sciences, University of Arizona
Title TBA
- 10:30 a.m. – 10:45 a.m. Dr. Ladd Keith
Assistant Professor, School of Landscape Architecture and Planning, and Chair of Sustainable Built Environments, University of Arizona
Title TBA
- 10:45 a.m. – 11:00 a.m. Dr. Céline Verchère
Associate Researcher, LN2 International Research Laboratory, CNRS, University of Sherbrooke
Title TBA
- 11:00 a.m. – 11:15 a.m. Short discussion

SESSION 3: Environmental contaminants and health impacts

- 11:15 a.m. – 11:30 a.m. [Dr. Alicja Babst-Kostecka](#)
Assistant Professor, Department of Environmental Science, University of Arizona
Plant-based solutions for the removal and re-use of metals from contaminated mine tailings
- 11:30 a.m. – 11:45 a.m. [Dr. Melissa Furlong](#)
Assistant Professor, Community, Environment and Policy Department, University of Arizona
Integrating Big Data for pesticide epidemiology
- 11:45 a.m. – 12:00 p.m. [Dr. Julien Gigault](#)
CNRS Researcher, TAKUVIK International Research Laboratory, CNRS, Laval University
Environmental impacts of nanocontaminants
- 12:00 p.m. – 12:15 p.m. Short discussion

LUNCH BREAK

- 12:15 p.m. – 1:00 p.m. 2nd floor, room 202A

SESSION 4: Climate change and health equity

- 1:00 p.m. – 1:15 p.m. [Dr. Mona Arora](#)
Assistant Research Professor, Community, Environment and Policy Department, University of Arizona
Climate, health & equity: mobilizing partnerships to build community resilience
- 1:15 p.m. – 1:30 p.m. [Dr. Chris Lim](#)
Assistant Professor, Community, Environment and Policy Department, University of Arizona
Low-cost sensors for exposure assessment and environmental epidemiology
- 1:30 p.m. – 1:45 p.m. [Dr. Denis Machon](#)
Professor, CNRS LN2 International Research Laboratory, University of Sherbrooke
Title TBA
- 1:45 p.m. – 2:00 p.m. Short discussion

SESSION 5: Climate change and infectious diseases

- 2:00 p.m. – 2:15 p.m. [Dr. Janko Nigolich-Zugich](#)
Professor and Head, Department of Immunobiology, and Director, Aegis Consortium, University of Arizona
Title TBA
- 2:15 p.m. – 2:30 p.m. [Dr. Kacey Ernst](#)
Professor, Epidemiology and Biostatistics Department, University of Arizona
Social and ecological determinants of zoonotic and vector borne disease transmission in the desert southwest and globally

2:30 p.m. – 2:45 p.m. [Dr. Bernard Cazelles](#)
Professor, Sorbonne Université, Institut de Biologie de l'ENS, CNRS, INSERM, ENS-PSL
Analyzing the relationships between climate and infectious diseases: the challenge of non-stationarity

2:45 p.m. – 3:00 p.m. Short discussion

GENERAL DISCUSSION: Perspectives for Arizona-France research cooperation on health and environmental change

3:00 p.m. – 4:00 p.m. Moderators

[Dr. Andrew Comrie](#)

Professor, School of Geography, Development & Environment, University of Arizona, and Chief Academic Officer, Arizona Board of Regents

[Dr. Laurent Nicolas](#)

CNRS Senior Researcher, National Institute of Systems Science and Engineering

[Dr. Kelly Reynolds](#)

Professor and Chair of the Department of Community, Environment and Policy; Director of the Environment, Exposure Science and Risk Assessment Center (ESRAC), University of Arizona

4:00 p.m. – 4:10 p.m. Closing remarks

[Dr. Iman Hakim](#)

Professor and Dean, Mel and Enid Zuckerman College of Public Health, University of Arizona

LIGHT RECEPTION

4:15 p.m. – 5:30 p.m. 2nd floor, room 202A