

Water Institute Seed Grants Program 2015/16 Grant Recipients (Winter 2016)

Project Title	Primary and Co-Applicants
Public perception and priorities for safe water in Accra, Ghana	Elijah Bisung (Geography and Environmental Management) Susan Elliott (Geography and Environmental Management) Lisa Guppy (United Nations University for Water, Environment and Health) Shannon Majowicz (Public Health and Health Systems)
Implementing an open access GIS and satellite imaging system to inform health system spatial planning in Western District, Zambia	Craig Janes (Public Health and Health Systems) Susan Elliott (Geography and Environmental Management) Chris Thomas (Aberystwyth University) Corinne Schuster-Wallace (United Nations University for Water, Environment and Health)
Establishment of the first and most detailed account of lake-levels in the Peace-Athabasca Delta: A key hydrologic node of the Mackenzie River Basin, northwestern Canada	John Johnston (Earth and Environmental Sciences) Claude Duguay (Geography and Environmental Management) Roland Hall (Biology)
Improving weather forecasting models with satellite data assimilation: A new initiative at University of Waterloo	Homa Kheyrollah Pour (Geography and Environmental Management) Stéphane Bélair (Environment and Climate Change Canada) Claude Duguay (Geography and Environmental Management) Fereidoun Rezanezhad (Earth and Environmental Sciences) Andrea Scott (Systems Design Engineering)
Catching ripples in the water: A social-ecological regime shifts approach to understand abrupt changes in coastal watersheds and crafting governance arrangements	Prateep Nayak (Environment, Enterprise and Development) Derek Armitage (Environment, Resources and Sustainability) Nandita Basu (Earth and Environmental Sciences & Civil and Environmental Engineering) Simon Courtenay (Environment, Resources and Sustainability) Graham Epstein (Environment, Resources and Sustainability) Johanna Wandel (Geography and Environmental Management)
Reactive interfaces in agroecosystems: Meta-analysis and uncertainty analysis of biogeochemical functions in agricultural landscapes	Philippe Van Cappellen (Earth and Environmental Sciences) Nandita Basu (Earth and Environmental Sciences & Civil and Environmental Engineering) Roy Brouwer (Economics) Merrin Macrae (Geography and Environmental Management) Mohamed Mohamed (Ontario Ministry of Environment and Climate Change) Chris Parsons (Earth and Environmental Sciences) Fereidoun Rezanezhad (Earth and Environmental Sciences) Christopher Wellen (Earth and Environmental Sciences)

2015/16 Grant Recipients (Fall 2015)

Project Title	Primary and Co-Applicants
Boomerang Effect: Climate change adaptation, organized violence and regional (in)security	Larry Swatuk (Environment, Enterprise and Development) Alain-Désiré Nimubona (Economics) Richard Kelly (Geography and Environmental Management)
Do watershed biogeochemical models really inform coastal ecology and environmental policy? Assessing knowledge gaps and charting the way forward in linking hydrology, biogeochemistry and land use to coastal ecosystem functions and environmental impacts	Philippe Van Cappellen (Earth and Environmental Sciences) Nandita Basu (Earth and Environmental Sciences & Civil and Environmental Engineering) Simon Courtenay (Environment, Resources and Sustainability) James Craig (Civil and Environmental Engineering) Hans Dürr (Earth and Environmental Sciences) Bruce MacVicar (Civil and Environmental Engineering) David Rudolph (Earth and Environmental Sciences) Sherry Schiff (Earth and Environmental Sciences) Edward Sudicky (Earth and Environmental Sciences) Bryan Tolson (Civil and Environmental Engineering)