

Nexus 2014: Water, Food, Climate and Energy Conference

March 5-8

University of North Carolina at Chapel Hill

VERBAL PRESENTATION SCHEDULE

Thursday, March 6

11:00am-12:30pm

India Pakistan <i>Bellflower</i>	Security <i>Redbud</i>	Economics <i>Windflower</i>	Corporate Stewardship <i>Dogwood</i>
Impacts of Climate Change on the Water-Energy-Food Nexus in the Indus Basin of Pakistan  <i>Yi-Chen Yang, University of Massachusetts Amherst (presentation given by Hassaan Khan)</i>	World Vision's Integrated approach to sanitation and water supply transforms post-war communities in Northern Uganda  <i>Francis Mujuni, World Vision</i>	The economic benefits of multiple uses of water  <i>Emmanuel Opong, World Vision</i>	Corporate Water Stewardship  <i>Lisa Wojnarowski Downes, The Nature Conservancy / Alliance for Water Stewardship</i>
Disentangling the water, food and energy nexus in agriculture: A policy option for India  <i>Upali Amarasinghe, International Water Management Institute</i>	The Water-energy-Food-Climate Nexus and National Security  <i>Monica Smith, U.S. Department of Defense</i>	Crop Nutrition Increases Water Use Efficiency of Agriculture  <i>Dejene Eticha, Yara International, Research Center Hanninghof</i>	Standard-izing the Nexus: certification's role in tackling food-energy-water  <i>Alexis Morgan, WWF-US</i>
A Critical Review of Long Term Water Energy Nexus in India  <i>Bijan Mitra, Institute for Global Environmental Strategies</i>	Securing peace dividends through navigating a regional water, food, carbon and energy nexus in southern Africa.  <i>Gavin Quibell, Climate Resilient Infrastructure Development Facility</i>	Economy in Kenyan Deltas: Water, Renewable Energy and Climate Change Nexus Nature Based Conservation Model  <i>Kennedy Bwire, Institute of Environment and Water Management</i>	Impact of crop nutrition on the water footprint of agricultural production  <i>Brucek Holger, Yara International</i>
Holding for author confirmation	Resource Sufficiency Evaluation - A 21st Century Policy Perspective  <i>Ed Barry, Sustainable World Initiative</i>	Understanding water as fountain of socio-spatial inequality in Nigeria: the interplay of culture, economics and institutions  <i>Emmanuel Akpabio, University of Uyo</i>	Holding for author confirmation

3:30-5:00pm

North American Nexus <i>Bellflower</i>	Decision-making <i>Redbud</i>	Economics <i>Windflower</i>	Livestock <i>Dogwood</i>
Water for Food and Energy in the Water Scarce Western U.S.  <i>Benjamin Ruddell, Arizona State University</i>	Optimizing Decisions and Policies: The Politics of Information, Water Scarcity, and Bioenergy  <i>Urooj Amjad, University of North Carolina at Chapel Hill</i>	Using index insurance contracts to hedge against water scarcity risk in hydropower production  <i>Ben Foster, University of North Carolina at Chapel Hill</i>	Impacts of climate change on cattle production and linkage with food insecurity in a pastoral region of East Africa  <i>Bekele Megersa, University of Hohenheim</i>
Climate Change and the Energy Industry: Water Used in Hydraulic Fracturing  <i>Heather Payne, UNC Center for Law, Environment, Adaptation and Resources</i>	How might the Federal Government tackle multi-sector and multi-agency nexus challenges within today's budget and policy realities?  <i>Ron Hoffer, U.S. Environmental Protection Agency</i>	Index insurance and water scarcity: managing financial risk in commercial shipping on the Great Lakes  <i>Elliot Meyer, University of North Carolina at Chapel Hill</i>	Sustainable intensification in Mixed Crop-Livestock Agro-Ecosystems: The case for the Guinea Savannah Zone of in the Volta Basin of West Africa  <i>Fred Kizito, International Center for Tropical Agriculture</i>
The Nexus In Caribbean SIDS: Central To Sustainability Water Energy Food Climate - Policy and Possibility  <i>Liz Thompson, SE4All</i>	Food versus oil palm: how to solve this conflict?  <i>Eva Anggaraini, Humboldt Universitaet zu Berlin</i>	The Water Benefit Partners PPP - A Private Sector Mechanism for Financing Sustainable Water Projects with Water Benefit Certificates (WBCs)  <i>Jacob Bourgeois, First Climate Markets AG (Presentation given by Renee Velasquez)</i>	The Benefits of Farm Animal Welfare for Sustainable Food Production  <i>Ian Cawsey, World Society for the Protection of Animals</i>
Understanding the Water-Energy Nexus in the Caribbean: The Importance of Sociocultural Context and Political Economy to Wastewater Management  <i>Rebecca Zarger, University of South Florida</i>	Climate Policy as Water Policy: Water Quality and Conservation Co-Benefits  <i>George Frisvold, University of Arizona</i>	Natural Capital Evaluation as a Nexus of Water, Energy, and Climate: Best Practice in the Financial Sector in Japan  <i>Masaru Yarime, University of Tokyo</i>	From Waste to Worth: How a Pig Farm Generates Environmental Revenue  <i>William "Gus" Simmons, Cavanaugh &amp; Associates, P.A.</i>

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VERBAL PRESENTATION SCHEDULE

Friday, March 7

11:00am-12:30pm

Water Management	Water and Energy	Food production	Alternative Energies
<i>Bellflower</i>	<i>Redbud</i>	<i>Windflower</i>	<i>Dogwood</i>
Efficient Water Management in NPPs: The IAEA Water Management Programme (WAMP)  <i>Ibrahim Khamis, International Atomic Energy Agency</i>	Offshore Wind Energy: The Solution To Conventional Electricity Production's Impact On Water Health  <i>Regina McCormack, Center for Carbon-Free Power Integration, University of Delaware</i>	Soils in the Water, Food and Climate Nexus: The Concept of Land Degradation Neutrality  <i>Knut Ehlers, German Federal Environment Agency</i>	Water quality effects of cellulosic biofuel crops grown on marginal land  <i>Amanda Montgomery, Purdue University</i>
Water-Energy Nexus: Implications of Sustainable Water Management in Coastal Regions under Rising Water Scarcity  <i>Weiwei Mo, Yale University</i>	Energy, water and climate nexus: A case study of Cameroon  <i>Emmanuel Ackom, UNEP Risoe Center</i>	Food, Water, Energy and Climate: Integrated Simulation Models to Support a Shared Understanding of the Nexus  <i>Matteo Pedercini, Millennium Institute (presentation given by Steve Arquitt)</i>	Energy-Water Nexus: Risks and Opportunities for Low Carbon Energy Technologies  <i>Marilyn Waite, AREVA Corporate Research &amp; Development</i>
Applications of Land Surface Model to Assess Impacts of Climate and Land Use Change on Surface Runoff and Groundwater Recharge Systems  <i>Aksara Putthivith, Chulalongkorn University</i>	Trade-offs for whom? Examining the winners and losers in the Mekong Basin Hydropower Expansion  <i>Nathaniel Matthews, King's College London</i>	Food producers at the center of the Water-Food-Climate Nexus: Implementing SHARP to increase climate resilience  <i>Benjamin Graueb, FAO</i>	Confronting Energy, Food, and Climate Change Challenges ? Analyzing Tradeoffs with ADAGE  <i>Yongxia Cai, RTI International</i>
An investigation of water and energy efficiencies in optimized variable rate irrigation  <i>Chad Higgins, Oregon State University</i>	Mekong Dams - Water, food and energy collision  <i>Stuart Orr, WWF International</i>	Social Entrepreneurship and the Emerging Nutrition Economy  <i>David Strelneck, Ashoka Innovators for the Public</i>	Life cycle assessment of a residential scale aquaponic system.  <i>Suzie Boxman, University of South Florida</i>

Saturday, March 8

11:00am-12:30pm

Urban	Transboundary	Food Production
<i>Bellflower</i>	<i>Windflower</i>	<i>Dogwood</i>
Exploring City CLEWs - Climate, Land, Energy and Water strategies  <i>Rebecka Segerstrom, KTH Royal Institute of Technology</i>	Implications of Climate Change for Euphrates-Tigris Transboundary Basin: Intricate Nexuses between Water, Security and Food  <i>Vakur Sumer, Selcuk University/ UNC's Global Research Institute</i>	Artisanal fisheries in the nexus: a study on traditional fish processing methods and sustainable development  <i>Shehu Akitola, Lagos State University</i>
Engaging the Public in Improved Water Management through Community-based Urban Agriculture  <i>Bobby Tucker, Tetra Tech</i>	Implementing the nexus approach: the challenge of multi-scalar cross-border collaboration  <i>Hayley Leck, Grantham Research Institute, London School of Economics</i>	Self Supply. A promising option for water and food for millions  <i>Henk Holtslag, Connect International</i>
Applying nexus thinking to investigate the water-energy-carbon implications of two low carbon futures for the City of Bristol, UK  <i>Rose Bailey, University of the West of England (presentation given by Enda Hayes)</i>	The Food-Water-Energy Nexus in China: Security Implications  <i>Elizabeth Wishnick, Montclair State University</i>	Sustainable Agricultural Production in Least Developed Countries  <i>Michael Davidson, Davidson Consultants</i>
Holding for author confirmation	Holding for author confirmation	Water policy and farms' livelihoods in South Africa  <i>Djiby Racine Thiam, University of Bonn</i>