Resilience Forum

This event will focus on advancing interdisciplinary research on coupled social-environmental systems that addresses a major challenge of our time - how to foster resilience and well-being at a time of unprecedented environmental change and population growth.

The goal is to present and discuss ideas related to common themes that build on current faculty strength and have transformative potential to distinguish UVa. There will be "lightening talks" followed by audience "town hall" discussion on areas of strength, opportunities for growth, and a common vision for a pan-university initiative. We seek broad input from across grounds on integrating interdisciplinary research with practice.

Welcome & Remarks
Karen McGlathery, Associate VP for Research
President Teresa Sullivan

Keynote
Stephen Carpenter, University of Wisconsin
Winner, Stockholm Water Prize

Lightning Talks & Discussion
Water, Food and Energy Security
Moderator: Craig Benson, Dean SEAS

Resilient Communities
Moderator: Beth Meyer, Dean Architecture

Stewardship and Governance
Moderator: Ian Baucom, Dean CLAS

Next Steps
Lunch reception

Please submit any additional input to
Karen McGlathery
kjm4k@Virginia.edu
Welcome & Remarks
Karen McGlathery, Associate VP for Research 00:00-5:42
President Teresa Sullivan  5:43-10:14

Keynote: Water Sustainability & Climate in an Urbanizing Agricultural Watershed
Stephen Carpenter, University of Wisconsin 10:14
Carpenter has published widely on resilience of social-environmental systems. He is Director of the Center for Limnology at the UW-Madison and a Chaired Professor of Zoology. He is a member of the U.S. National Academy of Sciences, a Fellow of the American Academy of Arts and Sciences, and a foreign member of the Royal Swedish Academy of Sciences. Carpenter received the Stockholm Water Prize in 2011. Q&A 38:04

Lightning Talks & Discussion
Water, Food and Energy Security
Understanding mechanisms that enable resilience of water, food and energy resources to climate and population changes, including mitigation, integrating science, technological innovation, economics, policy, public health and ethics.
Invited Speakers:
1. Andres Clarens - Civil & Environmental Engineering 43:33
2. Paolo D’Odorico - Environmental Sciences 49:45
3. Lisa Colosi Peterson - Civil & Environmental Engineering 55:57
4. Sonal Pandya – Politics 1:01:39
5. Mark White – Commerce 1:07:11
Moderator: Craig Benson, Dean SEAS 1:12:45

Resilient Communities
Resilience of built and natural systems to climate change and natural hazards, especially urban and coastal systems, focusing on natural system dynamics, design, economics, policy, public health, social networks and innovations. 1:37:46
Invited Speakers:
1. Ellen Bassett - Urban & Environmental Planning 1:40:20
2. Inaki Alday – Architecture 1:46:16
3. Matthew Reidenbach - Environmental Sciences 1:51:56
4. Jon Goodall - Civil & Environmental Engineering 1:57:17
5. Matt Trowbridge – Medicine 2:00:20
Moderator: Beth Meyer, Dean Architecture Q&A 2:05:55

Stewardship and Governance
Social feedbacks involving policy, economics, ethics, philosophy, history, behavior, cultural identity, and the arts that contribute to resilience and well-being.
Invited Speakers: 2:26:08
2. Talbot Brewer – Philosophy 2:35:04
4. Jay Shimshack - Environmental Economics, Batten 2:47:40
5. Frackson Mumba - Education, Curry 2:53:46
Moderator: Ian Baucom, Dean CLAS Q&A 2:57:38

Next Steps - Karen McGlathery 3:23:08

Lunch reception