Idaho EPSCoR Annual Meeting 2020

Day 2 – Opening Remarks

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Day 2 Agenda

8:00 PT	Opening Remarks (A. Kliskey)
8:15	Keynote: "Forecasting a Better Future for Earth," Dr. Mark Urban, Professor, University of Connecticut
9:00	Q&A
9:30	Concurrent Breakout Sessions: Structured Discussions (C. Baxter) A. Limits of Forecasting (C. Baxter) B. JEDI Themes (M. Burnham) C. Disciplinary Integration (K. Griswold)
10:30	 A. Working Group: GEM3 WFD and Diversity (D. Llewellyn) B. Brainstorming Collaborative Proposals (J. Forbey)
12:15	Break
1:00	A. Live Virtual Poster Session (see attached schedule)
2:00	B. Live Virtual Poster Session (see attached schedule)
3:00	Adjourn





30,000 ft What is the adaptive capacity of Coordinate with We can address: landscapes and organisms as To What? agency research For Whom? environmental conditions change in scope partners and At what Scale? and intensity? stakeholders For what Purpose? Organismal-based research across institutions using working group model: Processes demography/ Phenotypes Evolution/Genes Landscape/SES dispersal

Task: identify key processes, data gaps, available data to address the BIG GEM3 Questions: (Identify model inputs from basic research to build predictive model using alternative scenarios)

How does adaptive capacity vary across landscape axes/gradients? How does landscape change influence organismal adaptive capacity? What organismal population attributes predict adaptive capacity across landscape gradients?

Use SB and RB<mark>T a</mark>s model organisms; Example priority areas of inquiry – To what? For whom? At what scale? For what purpose? :

Develop models for adaptive capacity genome-phenome

Do organismal demographic, physiological, ecological, population attributes predict AC across landscapes?

Landscape/SES historical distribution data, new research topics

Keynote Presentation

Professor Mark Urban, University of Connecticut

Forecasting a Better Future for Earth



