



Location: Jacques Cousteau National Estuarine Research Reserve – 132 Great Bay Boulevard, Tuckerton, NJ

Time: 10am – 6:30pm, Saturday, February 25, 2012 with Tsagaan Sar (Mongolian New Year) celebration to follow at the Rutgers University Marine Field Station.

Contact: Olaf Jensen – cell: 410-812-4842

#### Schedule

10:00 – 10:10 Arrivals and coffee

10:10 – 10:20 Welcome and symposium introduction – Olaf Jensen (Rutgers)

#### 10:20 – 1:00 **Aquatic environments and organisms**

10:20 – 10:40 *Fishy Activity: Seasonal movements and foraging behavior of American Aquatic Ecologists in the Upper Selenge Watershed from 1997-Present* – David Gilroy (Questa Public High School, NM)

10:40 – 11:00 *Density, vertical distribution and abundance of endangered endemic Hovsgol grayling* – Tom Hrabik (U. of Minnesota – Duluth)

11:00 – 11:20 *Morphological variation in Hovsgol grayling in Lake Hovsgol, Mongolia* – Mikaela Provost (Rutgers)

11:20 – 11:40 *Diet and prey selectivity of lenok (*Brachymystax lenok*) and grayling (*Thymallus spp.*) in the Eg-Uur Watershed* – Kirk Olson (U. of Minnesota – Duluth)

11:40 – 12:00 *Estimating times of postglacial recolonization of Lake Hovsgol by fishes using MtDNA coalescent analysis* – Ivana Roman and John Waldman (Queens College)

12:00 – 12:20 *Developing spatial models of surface water temperature in North Central Mongolia* – Jerry Mead (Academy of Natural Sciences)

12:20 – 12:40 *Understanding thermal limitations and bioenergetics of Mongolian salmonids* – Kyle Hartman (West Virginia University)

12:40 – 1:00 *Validation of standardized freshwater fish sampling methods for Mongolia* – Norman Mercado-Silva (U. of Arizona)

- 1:00 – 2:00    **Lunch and Posters**
- 2:00 – 2:20    **Terrestrial Environments**
- 2:00 – 2:20    *Nomadic herder perceptions of climate change in Northern Mongolia* – Clyde Goulden (Academy of Natural Sciences)
- 2:20 – 2:40    *Comparison of taiga-steppe ecotones on north and south-facing slopes of the Dalbay Valley* – Julia Perzley (Rutgers/U. Penn)
- 2:40 – 3:00    *Pollination networks in Northern Mongolia* – Daniel Song (U. Penn)
- 3:00 – 3:20    *Environmental drivers of spatial pattern in Siberian larch forests (*Larix sibirica* Ledeb.) of the Mongolian forest-steppe* – Kendra Mack and Tom James (Yale)
- 3:20 – 3:40    *Will rising temperatures, prolonged drought and land use intensification inhibit wildfire? A case study from the forest-steppe ecotone, Mongolia* – Tom Saladyga (Concord U.)
- 3:40 – 4:00    *Soil microbial ecology in Northern Mongolia* – Aurora MacRae-Crerar (U. Penn)
- 4:00 – 4:20    **Coffee Break and Posters**
- 4:20 – 4:40    *Mongolian gazelle ecology and current and upcoming challenges to securing their future* – Kirk Olson (Smithsonian)
- 4:40 – 5:00    *GHOST BUSTARDS: High mortality rates in Mongolia's heaviest flying bird* – Aimee Kessler (Arizona State U.)
- 5:00 – 6:20    **Research & Education**
- 5:00 – 5:20    *Hovsgol science and learning center – exploring the concept* – Bob McIntosh (Global Parks)
- 5:20 – 5:40    *Researching science learning during extended field-based experiences: A view from afar* – Tim Zimmerman (Rutgers)
- 5:40 – 6:00    *Building ecological research capacity in Mongolia* – Tuya Goulden (Academy of Natural Sciences)
- 6:00 – 6:20    *Making connections: Examining trophic relationships in a pristine Mongolian lake using stable isotope analysis with high school students in Philadelphia* – Talia Young (Rutgers) and students from Mastery Charter School
- 6:30            **Dinner and Tsagaan Sar Celebration – Rutgers University Marine Field Station**