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You have submitted the following Workshop to 100th ESA Annual Meeting (August 9 -- 14, 2015). Receipt of this notice does not guarantee that your submission was complete, free of errors, or accepted for presentation.

Ecological Network Analysis

Workshops 10816: Ecological Network Analysis

Submitter's Email: matthewklau@fas.harvard.edu

Description: Network analysis is a useful systems approach for studying complex ecological interactions: such as those that occur among genes, biochemicals, individuals, or species). This has lead to the rapid influx of network modeling, simulation and analytical tools in ecology. This workshop will guide attendees through the basics of network theory and several common applications in ecology. By the end, attendees will be able to: 1.) describe the core features of a network model and identify the data required to build one, 2.) explain what kinds of ecological questions can be addressed and 3.) use freely available software to perform selected ecological network analyses. Beginning with and introduction to the underpinning network theory the workshop will cover both structural and dynamic ecological network analyses focusing on three common ecological networks: mutualistic networks, food webs and ecosystem networks.

Summary: Network based methods of modeling and analysis provide a useful analytical framework for ecological questions. Beginning with and introduction to the underpinning network theory this workshop will cover both structural and dynamic ecological network analyses focusing on three common ecological networks: mutualistic networks, food webs and ecosystem networks.

Minimum Number of Participants: 10
Maximum Number of Participants: 25
Requested Date and Time Slot: Sunday afternoon (12:00-5:00 pm); 5 hours
Anticipated Equipment Needs: Wifi network access
Room Set-up: Classroom
Refreshments: None
Is this session underwritten? No
Is this session intended to follow a Symposium or Organized Oral Session? No
Is the session linked to the Business Meeting or Mixer of any Section, Chapter, or other group? No

Organizer(s)

Matthew Lau
Email: matthewklau@fas.harvard.edu -- Will not be published

Harvard University
Harvard Forest
324 N Main St
Petersham MA 01366
USA

Would you like to volunteer as a session presider? No
Would you like to volunteer to judge the Buell-Braun student award applications? Yes

Speaker(s)

Bernard C. Patten
Email: bmpatten@earthlink.net -- Will not be published

University of Georgia
Odum School of Ecology and Faculty of Engineering
140 E. Green St.
Athens GA 30602
USA

Would you like to volunteer as a session presider?
Would you like to volunteer to judge the Buell-Braun student award applications?

Stuart Whipple
Email: sjwhipple@earthlink.net -- Will not be published

University of Georgia
Skidaway Institute of Oceanography
10 Ocean Science Circle

Savannah GA 31411
USA

Would you like to volunteer as a session presider? No
Would you like to volunteer to judge the Buell-Braun student award applications? No

Co-organizer(s)

Stuart R. Borrett
Email: borretts@uncw.edu -- Will not be published

University of North Carolina Wilmington
Biology and Marine Biology
601 South College Road
Wilmington NC 28403
USA

Would you like to volunteer as a session presider?
Would you like to volunteer to judge the Buell-Braun student award applications?

Caner Kazanci
Email: caner@uga.edu -- Will not be published

University of Georgia
Department of Mathematics and Faculty of Engineering
Driftmier Engineering Center
Athens GA 30602
USA

Would you like to volunteer as a session presider? Yes
Would you like to volunteer to judge the Buell-Braun student award applications? No

If necessary, you can make changes to your workshop between now and the deadline of Thursday, November 20, 2014.

- To access your submission in the future, use the direct link to your workshop submission from one of the automatic confirmation emails that were sent to you during the submission.
- *Or* point your browser to http://eco.confex.com/eco/reminder.cgi to have that URL mailed to you again. Your username/password are 10816/312113.

Any changes that you make will be reflected instantly in what is seen by the reviewers. You DO NOT need to go through all of the submission steps in order to change one thing. If you want to change the title, for example, just click "Title" in the workshop control panel and submit the new title.

When you have completed your submission, you may close this browser window.

Tell us what you think of the workshop submittal

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