

## LTET Publications Committee – Annual Report 2009 Science Council Meeting

The LTER Publications Committee (PC) is a network-level standing committee chaired by Alan K. Knapp (KNZ, SGS) with David Foster (HFR) and Dan Reed (SBC) as members. The primary operational responsibility of the LTER Publications Committee is to facilitate the publication of volumes within the US LTER Science and Synthesis Series. This includes reviewing a proposed volume's prospectus and providing a recommendation to the Executive Board regarding the volume's suitability for inclusion in the series.

Since the 2008 Science Council meeting, the publications committee has reviewed one initial prospectus for a volume by Julia Jones (AND - see below) and updated the LNO website with a series of documents that provide guidelines and criteria for potential authors.

The Publications Committee also contacted Mr. Jeremy Lewis (OUP) for an update on the sales of volumes previously published, as well as a status update for volumes in various stages of publication. That information is below. In addition, each site PI was contacted in April 2009 and given the opportunity to provide information and updates on any volumes in progress. This information appears below the OUP report.

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### **OUP REPORT (provided by Jeremy Lewis):**

#### **LTER Titles published (in order of pub date) and sales since publication:**

GRASSLAND DYNAMICS: LONG-TERM ECOLOGICAL RESEARCH IN  
TALLGRASS PRAIRIE **1998**

Alan K. Knapp, John M. Briggs, David Hartnett, Scott L. Collins

9780195114867-

[Life Sales: 1,324](#)

STANDARD SOIL METHODS FOR LONG-TERM ECOLOGICAL RESEARCH

G. Philip Robertson, David C. Coleman, Caroline S. Bledsoe, Phillip Sollins **1999**

9780195120837

[Life Sales: 1,550](#)

STRUCTURE AND FUNCTION OF AN ALPINE ECOSYSTEM: NIWOT RIDGE,  
COLORADO **2001**

William D. Bowman, Timothy R. Seastedt

9780195117288

[Life Sales: 578](#)

CLIMATE VARIABILITY AND ECOSYSTEM RESPONSE AT LONG-TERM  
ECOLOGICAL SITES **2003**

David Greenland, Douglas G. Goodin, Raymond C. Smith  
9780195150599  
[Life Sales: 541](#)

**BIODIVERSITY IN DRYLANDS: TOWARD A UNIFIED FRAMEWORK 2005**  
Moshe Shachak, Steward T. A. Pickett, James Gosz (contact), Avi Perevolotski  
9780195139853  
[Life Sales: 432](#)

**LONG-TERM DYNAMICS OF LAKES IN THE LANDSCAPE: LONG-TERM  
ECOLOGICAL RESEARCH ON NORTH TEMPERATE LAKES 2006**  
John J. Magnuson, Timothy K. Kratz, Barbara Benson  
9780195136906  
[Life Sales: 607](#)

**ALASKA'S CHANGING BOREAL FOREST 2006**  
F. Stuart (Terry) Chapin, Mark W. Oswood, Keith Van Cleve, Leslie A. Viereck, Dave Verbyla  
9780195154313  
[Life Sales: 513](#)

**STRUCTURE AND FUNCTION OF A CHIHUAHUAN DESERT ECOSYSTEM: THE  
JORNADA BASIN LONG-TERM ECOLOGICAL RESEARCH SITE 2006**  
Kris M. Havstad, Laura F. Huenneke, William H. Schlesinger  
9780195117769  
[Life Sales: 466](#)

**PRINCIPLES AND STANDARDS FOR MEASURING PRIMARY PRODUCTION 2007**  
Timothy J. Fahey and Alan K. Knapp  
9780195168662  
[Life Sales: 410](#)

**AGRARIAN LANDSCAPES IN TRANSITION: COMPARISONS OF LONG-TERM  
ECOLOGICAL AND CULTURAL CHANGE 2008**  
Charles Redman and David Foster  
9780195367966  
[Life Sales: 305](#)

**ECOLOGY OF THE SHORTGRASS STEPPE: A LONG-TERM PERSPECTIVE 2008**  
William K. Lauenroth and Ingrid C. Burke  
9780195135824  
[Life Sales: 204](#)

**Titles under contract:**

### TROPICAL FOREST DYNAMICS

Nick Brokaw, T. Crowl, A. Lugo, W. McDowell, F. Scatena, R. Waide, M. Willig

[Due 5/1/09](#)

### AMERICA'S ANCIENT FOREST

Fred Swanson, Sherri L. Johnson, Julia Jones, Don Henshaw, Mark Harmon, et al

[Due 6/1/09](#)

### FOREST WATERSHED ECOSYSTEM RECOVERY

Wayne Swank and Jackson Webster

[Due 5/15/09](#)

Julia Jones (Oregon St U)

METHODS FOR MANAGING TEMPORAL AND SPACIAL STATISTICS, cx w Joyce Berry at OUP ~ 1996 as part of a series in statistics that the author asks be considered as an LTER series volume; ed board response is pending

[Proposal received January 2009](#)

### **Titles under peer review or pending peer review:**

#### LONG-TERM DYNAMICS OF A COASTAL BARRIER SYSTEM

Karen McGlathery, Bruce Hayden, David Smith

[Contract offered](#)

#### ENVIRONMENTAL CHANGE IN THE ARCTIC TUNDRA

John Hobbie, Anne Giblin, Goerge Kling, Chris Luecke, Bruce Peterson, Gus Shaver

[Cost discussions ongoing?](#)

### **Tentative go-ahead for Inclusion in Series**

Julia Jones (Oregon St U)

METHODS FOR MANAGING TEMPORAL AND SPACIAL STATISTICS, cx w Joyce Berry at OUP ~ 1996 as part of a series in statistics that the author asks be considered as an LTER series volume; ed board response is pending

[Jones working on materials as per LTER committee suggestions for inclusion into series](#)

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### **12 Site Synthesis volumes to encourage but not scheduled as of Nov 07:**

(?) G. Philip Robertson et al (Michigan St U) **KBS**-Kellogg Biological Station LTER, Michigan site volume

(?) James Brunt (LTER Network Office, New Mexico) DATA STREAM MANAGEMENT METHODS: ECOINFORMATICS

G. Philip Robertson et al (Michigan St U) **KBS**-Kellogg Biological Station LTER, Michigan site volume treats row-crop agriculture – conventional, organic-based corn-soybean-wheat cultivation

*Proposal/outline expected Summer 07*

Scott Collins (U New Mexico) **SEV**-Sevilleta LTER site volume in New Mexico treats intersections of Great Plains grasslands, Colorado Plateau shrub-steppe, Chihuahuan Desert, montane and riparian features.

In Aug03 anticipated 2005 start date for writing

Steward Pickett (Inst of Ecosystems Studies, Millbrook, NY) **BES**-BALTIMORE URBAN ECOLOGY LTER site volume to treat Eastern deciduous forest-suburban-agricultural fringe, urban parks, urban legends dealing with socio-economic land use patterns and nitrogen dispersal into the Chesapeake

Proposal possible by 2010 when data is accumulated

Nancy Grimm, Charles Redman (both AZ St U) **CAP**-Central Arizona LTER URBAN ECOLOGY treats Sonoran Desert scrub, urban parks, residential, interior remnant desert patches NSF site visit in F07 w renewal/new PI in 2010 for 3<sup>rd</sup> research phase will trigger proposal to rev 2010

Tim Fahey (Cornell) Driscoll (Syracuse) **HBR**-Hubbard Brook LTER, New Hampshire to treat Eastern deciduous forest-Northern hardwood forests, spruce-fir forests, streams, and lakes Data for synthesis by 2009, ms proposal and draft ms expected in 2011

Dan Reed (UC/SB) **SBC**-Santa Barbara Coastal Ecosystem LTER, California treats semi-arid coastal zone, giant kelp forests. This new site as of 9/06 needs several years to accumulate long-term data. After its second NSF site review, ms proposal possible in 2011

James Hollibaugh (?) **GCE**-Georgia Coastal Ecosystem LTER, Georgia treats salt marsh, estuary, intertidal sediments, surficial aquifer, and oyster reefs  
Nothing planned as of Aug03

Chuck Hopkinson (?) **PIE**-Plum Island Ecosystem LTER, Massachusetts treats Atlantic Coast estuary

Nothing planned as of Aug03

Dan Childers (Florida St U?) **FCE**-Florida Coastal Everglades LTER site volume treats freshwater marsh, estuarine mangrove, sea grass estuary

Nothing planned as of Aug03

David Tilman (U Minnesota) **CDR**-Cedar Creek Natural History Area LTER, Minnesota site volume treats Eastern deciduous forest-hardwood forests, white pine plantations  
Nothing planned as of Aug03

??? (?) **CCE**-California Current Ecosystem LTER California treats Pacific pelagic coastal upwelling zone. Nothing planned as of Sep 06 for this newly established site.

??? (?) **MCR**-Moorea Coral Reef LTER, French Polynesia treats coral reefs.  
Nothing planned as of Sep 06 for this newly established site.

**LTER related volumes to encourage but not scheduled as of Nov 07:**

John Magnuson (emeritus U Wisconsin) wants to write a HISTORY OF LTER;  
Proposal possible Fall 07.

G. Philip Robertson, David C. Coleman, Caroline S. Bledsoe, Phillip Sollins  
STANDARD SOIL METHODS FOR LONG-TERM ECOLOGICAL RESEARCH 2/e  
needed; co-editors were polled Sep06; proposal for revised 2/e expected Sum/Fall 08; a  
methods volume.

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**Site PI updates on LTER Site and Synthesis Series volumes – based on 2007 data and subsequently updated with responses to April 2009 email query by A. Knapp (*Italics indicates a response to query*)**

<b>Site</b>	<b>Principal Contact</b>	<b>Status</b>
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Volumes in Preparation

AND	Barbara Bond	Site volume in progress, to OUP in ????
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ARC	John Hobbie	<i>Site volume in progress, title: A Warming Arctic: Ecological Consequences for Tundra, Streams, and Lakes. By John Hobbie and George Kling. Expected publication date is 2010.</i>
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CWT	Ted Gragson	Site volume on hold
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KBS	Phil Robertson	<i>Site volume in progress, to OUP in ????</i>
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LUQ	Nick Brokaw	<i>Site volume in progress, to OUP in 2009</i>
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NET	Deb Peters	<i>LONG-TERM TRENDS IN ECOLOGICAL SYSTEMS: A basis for understanding responses to global change. Deb Peters, Editor, Co-editors Christine M. Laney, Scott L. Collins, Charles T. Driscoll, Peter M. Groffman, J. Morgan Grove, Timothy K. Kratz, Ariel E. Lugo, Mark D. Ohman, Robert B. Waide. To be submitted to the USDA Publications Office 2009.</i>
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VCR	Karen McGlathery	<i>Site volume in progress, prospectus approved by EB, title : Long-term Dynamics of a Coastal Barrier System, by Karen McGlathery, Bruce Hayden, David Smith</i>
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**Volumes Published**

BNZ	Terry Chapin	Site volume published in 2006 (OUP)
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HFR	David Foster	Site volume published 2004 (Yale)
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JRN	Kris Havstead	Site volume published 2006 (OUP)
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KNZ	John Blair	Site volume published 1998 (OUP)
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MCM	Andrew Fountain	<i>Site volume published 1998 (AGU)</i>
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NET	Phil Robertson	Soils methods volume published 1999 (OUP)
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NET	David Greenland	Climate variability volume published 2003 (OUP)
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NET	Tim Fahey	NPP Methods Volume , published 2007 (OUP)
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NWT	Mark Williams	<i>Site volume published 2001 (OUP)</i>
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*PAL Hugh Ducklow Site volume published 1996 (AGU)*  
*SGS Mike Antolin Site volume published in 2008 (OUP)*

**Nothing Planned at this time**

BES Steward Pickett  
 CAP Nancy Grimm Anticipate 2010 start date  
 CCE Mark Ohman  
 CDR David Tilman  
 FCE Evelyn Gaiser  
 GCE Meryll Alber  
 HBR Tim Fahey  
 MCR Russ Schmitt  
 PIE Chuck Hopkinson Anticipate 2010 start date  
 SBC Dan Reed *Nothing anticipated for a few years*  
 SEV Scott Collins *Nothing anticipated for a few years*

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Other activities related to LTER Publications

Two new children's books coming from the NWT LTER program, both based on "My Water Comes from the Mountains".

"My Water Comes from the Rocky Mountains" is the second edition of the first book in the Schoolyard Children's book series of the LTER program of the National Science Foundation. Moonlight Publishing, 2009 publication date (it's at the publishers now).

"My Water Comes from the San Juans" is the third edition of the first book in the Schoolyard Children's book series of the LTER program of the National Science Foundation. Moonlight Publishing, 2009 publication date (it's at the publishers now).

MCM has been heavily involved in the following volume:

W. F. Vincent and J. Laybourn-Parry (eds) *Polar Lakes and Rivers – Arctic and Antarctic Aquatic Ecosystems*. Oxford University Press, Oxford, UK, 103-118., 327pp.

All but 2 PIs on our project were involved with chapters.