

LTER Publications Committee – Annual Report 2010 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.

The publications committee was not asked to review any volume proposals since the 2009 Science Council meeting. The Publications Committee Chair (Knapp) met with OUP's Jeremy Lewis at ESA in August 2009 to review the history of the OUP-LTER agreement and discuss future activities.

An update on the sales of volumes previously published by OUP, as well as a status update for volumes in various stages of publication is below (from OUP).

OUP REPORT (provided by Jeremy Lewis):

LTER Titles published (in order of pub date) and sales since publication (+ sales in last year):

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

Alan K. Knapp, John M. Briggs, David Hartnett, Scott L. Collins
9780195114867

Life Sales: 1,340 (+16)

STANDARD SOIL METHODS FOR LONG-TERM ECOLOGICAL RESEARCH **1999**

G. Philip Robertson, David C. Coleman, Caroline S. Bledsoe, Phillip Sollins
9780195120837

Life Sales: 1,583 (+33)

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

William D. Bowman, Timothy R. Seastedt
9780195117288

Life Sales: 579 (+1)

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

David Greenland, Douglas G. Goodin, Raymond C. Smith
9780195150599

Life Sales: 544 (+3)

BIODIVERSITY IN DRYLANDS: TOWARD A UNIFIED FRAMEWORK 2005

Moshe Shachak, Steward T. A. Pickett, James Gosz (contact), Avi Perevolotski
9780195139853

Life Sales: 434 (+2)

**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: 612 (+5)

ALASKA'S CHANGING BOREAL FOREST 2006

F. Stuart (Terry) Chapin, Mark W. Oswood, Keith Van Cleve, Leslie A. Viereck, Dave Verbyla
9780195154313

Life Sales: 539 (+26)

**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: 477 (+11)

PRINCIPLES AND STANDARDS FOR MEASURING PRIMARY PRODUCTION 2007

Timothy J. Fahey and Alan K. Knapp
9780195168662

Life Sales: 433 (+23)

**AGRARIAN LANDSCAPES IN TRANSITION: COMPARISONS OF LONG-TERM
ECOLOGICAL AND CULTURAL CHANGE 2008**

Charles Redman and David Foster
9780195367966

Life Sales: 343 (+38)

ECOLOGY OF THE SHORTGRASS STEPPE: A LONG-TERM PERSPECTIVE 2008

William K. Lauenroth and Ingrid C. Burke
9780195135824

Life Sales: 245 (+41)

Titles under contract:**TROPICAL FOREST DYNAMICS**

Nick Brokaw, T. Crawl, 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
Due 6/15/2010

LONG-TERM DYNAMICS OF A COASTAL BARRIER SYSTEM

Karen McGlathery, Bruce Hayden, David Smith
Due 7/1/2010

A WARMING ARCTIC

John Hobbie, Anne Giblin, Goerge Kling, Chris Luecke, Bruce Peterson, Gus Shaver
Due 4/1/2011

THE ECOLOGY OF AGRICULTURAL ECOSYSTEMS

Steven K. Hamilton et al (Michigan St U) KBS-Kellogg Biological Station LTER, Michigan site
volume
Due 1/1/2011

12 Site Synthesis volumes to encourage but not scheduled:

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

Scott Collins (U New Mexico) [ex NSF, is well connected to LTER PIs across the country] **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 3rd 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.

3 LTER related volumes to encourage but not scheduled:

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