All Scientists Meeting, Estes Park, Colorado, September, 1990

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AGENDA
LTER All Scientists Meeting - September 25-30, 1990
YMCA of the Rockies, Estes Park, Colorado

Sept 25 - Welcome
8:00 am  Optional Field Trip - Mountain Research Station and Niwot Ridge LTER
6:00 pm  DINNER and Social
          Initial Discussions, Local Attractions and Advisories
          Rocky Mountain National Park Slide Presentation
          Curt Buchkolz, Director, Rocky Mountain Nature Association

Sept 26 - LTER Network 80's - 90's
7:00 am  BREAKFAST

PLENARY SESSION:
8:00 - 9:00  Introduction - LTER Past, Present and Future
            Jerry Franklin, Chair, LTER Network
9:00 - 9:30  Politics of Ecology
            Mary Clutter, Behavioral & Biological Sciences Division Director,
            National Science Foundation
9:30 - 10:00  International Networking and Global Ecology
              Paul Risser, Sevilleta LTER
10:00 - 10:30  BREAK
10:30 - 10:50  Desertification Modeling
              James Reynolds, Jornada LTER, New Mexico
10:50 - 11:10  Experimental Legacies, Tree Mortality and Decomposition
              Mark Harmon, H.J. Andrews LTER, Oregon
11:10 - 11:30  Ecological Stream Processes
              Judy Meyer, Coweeta LTER, North Carolina
11:30 - 11:50  Below-Ground Processes
              Michael Klug, Kellogg LTER, Michigan
11:50 - 12:20 pm  Intersite Variability
                   John Magnuson, North Temperate Lakes LTER, Wisconsin
12:30 - 1:30  LUNCH
1:30 - 3:00  Site, Intersite and Extended Network Poster and Site Paper Session
3:00 - 6:00  Poster Session (continued) and Technical Demonstrations
3:00 - 6:00  LTER/EXEC Meeting
6:00  DINNER
7:00  Open/Ad-Hoc Time
Sept 27 - Global Change

7:00 am  B R E A K F A S T

8:00 - 10:00  PLENARY SESSION:
William Lauenroth
William Odum
Bruce Hayden
Roger Pielka

10:00 - 10:30  B R E A K

10:30 - 12:00  Global Change Work Sessions
GIS Research and Modeling (MacKenzie)
Soil Warming Experiments (Schlesinger)
Atmospheric Chemistry (Swank)
Trace Gas Exchanges (Schimel)
Paleoecology (Elias, Halfpenny, Williams)

12:00 - 1:00 pm  L U N C H

1:00 - 3:00  General Workshops and Committee Meetings
Data Sharing (Meyer, Michener, Stafford)
Climate Committee (Greenland)
GIS Working Group (Foster)
Modeling Working Group (Lauenroth)
Decomposition Workshop (Harmon)

3:00 - 6:00  Open Time for Discussions, Planning, Theme Hikes

6:00  D I N N E R
Speaker - Gene Likens, Hubbard Brook LTER

Sept 28 - Biological Diversity

7:00 am  B R E A K F A S T

8:00 - 10:00  Biological Diversity Plenary Session
David Tilman
James Brown

James Meyer
James MacMahon
Patricia Werner

10:00 - 10:30  B R E A K

10:30 - 12:00  Biological Diversity Work Session
Consumer Controls (Frost and Whitford)
Biological Legacies (Perry)
Invasions (Magnuson)
Megalandscape Experiments (Franklin)
Catastrophic Events (Waide)
Sept 28 - Biological Diversity, continued

12:00 - 1:00 pm  LUNCH

1:00 - 3:00 pm  Work Sessions and Committee Meetings
Data Managers Committee (Stafford)
Dual Tracer (Burke)
Consumer Controls (continued)
Biological Legacies (continued)

3:00 - 6:00 Open Time for Ad-Hoc Workshops and "Theme Hikes"

6:00  DINNER

8:00  Reporting Back - Group Session

Sept 29 - Regional Analysis

7:00 am  BREAKFAST

8:00 - 10:00 Regional Analysis Plenary Session
Don Lauer
Indy Burke
Monica Turner
Tim Seastedt
John Aber

10:00 - 12:00 Regional Analysis Work Sessions
Remote Sensing - NDVI (Vande Castle, Eidenshink)
Landscape Process (Swanson)
Scaling (Hobbs/Gosz)
Stream Processes (Meyer)
Cross-Site Analysis (Launroth)

12:00 - 1:00 pm  LUNCH

1:00 - 3:00 Work Sessions and Committee Meetings
Landscape (continued, Lattin)
Communication Networks (Nottrott)
Global Position Satellites (Michener)

3:00 - 6:00 Open Time for Ad-Hoc Workshops

6:00  DINNER

8:00  Reporting Back - Group Session
Sept 30 - Field Trip, Closing Discussions and Departures

7:00 am  B R E A K F A S T

8:00  Optional Field Trip - Mountain Research Station & Niwot Ridge

Other Ad-Hoc WORKSHOPS:
- EPA EMAP
- Forest Health (U.S. Forest Service)
- International Ecology
LTER All Scientists Meeting

- LTER in the 90's -

Dates: Sept. 25-30, 1990
Location: Estes Park, Colorado - YMCA of the Rockies

Schedule:

Sept 25-Welcome!
   Evening Dinner and Social
   Initial Discussions, Local Attractions and Advisories

Sept 26-The Network of Sites - Site, Network and "Extended Network" Ecological Research
   8:00-10:00 Introductory Plenary Session
   10:00-12:00 LTER Site Presentations (Current Exciting Science)
   12:00-1:00 Lunch
   1:00-5:00 Poster Session of Site, Network and Extended Network Research
   5:00-7:00 Dinner and free time

Sept 27-Global Change
   8:00-10:00 Global Change Plenary Session
   10:00-12:00 Global Change Work Sessions
   12:00-1:00 Lunch Break
   1:00-3:00 General Workshops and Committee Meetings
   3:00-6:00 Open Time for Discussions, Planning
   6:00 Dinner Speaker on Global Change

Sept 28-Biological Diversity
   8:00-10:00 Biological Diversity Plenary Session
   10:00-12:00 Biological Diversity Work Session
   12:00-1:00 Lunch
   1:00-3:00 Work Sessions and Committee Meetings
   3:00-6:00 Open Time for Ad Hoc Workshops and "Theme Hikes"
   8:00 Reporting Back - Group Session

Sept 29-Regional Analysis
   8:00-10:00 Regional Analysis Plenary Session
   10:00-12:00 Regional Analysis Work Session
   12:00-1:00 Lunch
   1:00-3:00 Work Sessions and Committee Meetings
   3:00-6:00 Open Time for Ad Hoc Workshops
   8:00 Reporting Back -

Sept 30-Breakfast, closing discussions and departures
# PRELIMINARY · WORKSHOP · SCHEDULE *

## LTER Ali Scientists Meeting
September 25-30, 1990, Estes Park CO

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### 8-10 am
- **LTER Network '80s-'90s**
  - JERRY FRANKLIN
  - LTER Science: Past, Present, Future

### 10-noon
- **GIS Research & Modeling** (Burke)
  - MACKENZIE
  - Soil Warming Experiments (Schlesinger)
  - Atmospheric Chemistry (Swank)
  - Trace Gas Exchanges (Schimel)
  - Paleocology (Elias, Halfpenny, Williams)
- **Consumer Controls**
  - Frost & Whitford
  - Biological Legacies (Perry)
  - Invasions (Magnuson)
  - Megalandscape Experiment (Franklin)
  - Catastrophic Events (Waide)
- **Remote Sensing**
  - Vande Castle
  - Landscape Processes (Swanson)
  - Scaling (Hobbs/Gosz)
  - Stream Processes (Meyer)
  - Cross-site Model Analyses (Lauenroth)

### 1-3 pm
- **Poster Session**
  - Data Sharing in LTER (Meyer, Michener, Stafford)
  - Climatic Committee (Greenland)
  - GIS Working Group (Foster)
  - Modeling Working Group (Lauenroth)
- **Data Managers Committee**
  - (Stafford)
  - Dual Tracer (Burke)
  - Consumer Controls (continued)
  - Biological Legacies (lunch)
  - Plant Morphology (Evans)
- **Landscape, cont’d**
  - Lattin
  - Communication Networks (Nottrott)
  - Global Positioning Satellites (Michener)
  - Other Workshops, cont’d

### 3-6 pm
- **Open Time**
  - Discussions
  - Workshops
  - Theme Hikes
- **Remote Sensing**
  - (ad-hoc)
  - LTER/CC

### Evening
- **DINNER SPEAKER**

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*Please note: This schedule is subject to change. The "Open Time" will be available for late-breaking or continuing workshops.*
### PRELIMINARY • WORKSHOP • SCHEDULE *

**LTER All Scientists Meeting**  
September 25-30, 1990, Estes Park CO

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(Burke) | (Frost & Whitford) | (Vande Castle) |
| **Soil Warming Experiments** | **Biological Legacies** | **Landscape** | (Schlesinger) | (Perry) | **Processes** |
| **Atmospheric Chemistry** | **Invasions** | **Scaling** | (Swank) | (Magnuson) | (Swanson) |
| **Trace Gas Exchanges** | **Megalandscape Experiment** | **Stream Processes** | (Schimel) | (Franklin) | (Hobbie/Gosz) |
| **Paleoecology** | **Catastrophic Events** | **Cross-site Model Analyses** | (Elias, Halfpenny, Williams) | (Weide) | (Meyer) |
| **Poster Session** | **Data Sharing in LTER** | **Data Managers Committee** | **Remote Sensing** | (Meyer, Michener, Stafford) | (Stafford) | (Cont'd) |
| **Climate Committee** | **Dual Tracer** | **Communication** | (Greenland) | (Burke) | **Networks** (Nottrott) |
| **GIS Working Group** | **Consumer Controls** | **Global Positioning** | (Foster) | (continued) | **Satellites** (Michener) |
| **Modelling Working Group** | **Biological Legacies** | **Other Workshops,** | (Lauenroth) | (Continued) | **cont'd** |
| **(Lauenroth)** | **Plant Morphology** | **LTER/EXEC** | | (Evans) |  |
| | | | | | |

* **Open Time**  
Discussions  
Workshops  
Theme Hikes  

* **Open Time**  
Remote Sensing  
(ad-hoc)  

* **LTER/EXEC**  

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*Please note: This schedule is subject to change. The 'Open Time' will be available for late-breaking or continuing workshops.*