

Date: January 5, 1993
To: LTER All Scientists Mtg. Planning Group
From: Caroline Bledsoe, Chair
Re: Selection of Speakers & Development of Workshops

The following list of prospective speakers is a synthesis of our December 1992 conference call discussion among the Program Committee. Speakers who have been contacted and have agreed to speak are underlined. Additional suggestions are needed, particularly for women/minority speakers. Although I have listed speakers on particular days, the order can be changed.

MORNING PRESENTATIONS (8:00am-noon)

- 4 speakers each morning, 40 minutes each
- 5 site presentations ("New Findings") each morning, 10 minutes each
- 1 coffee/tea break, 30 minutes

DAY 1: Comparative & Synthetic Studies, Part I

-Introductions, NSF speaker(s)?, etc.

1 Bruce Hayden/vegetation-climate interactions across the network

2 Jack Webster/comparisons of stream processes

3 Mark Harmon/LIDET litter decomposition

-(maybe yes) Diana Freckman/diversity+community dynamics belowground

DAY 2 New Directions for LTER

1 Jerry Franklin/LTER 2000, new projects, directions, etc.

-(maybe yes) Richard Burke/socio-econ integrated regional models

-John Magnuson/using imagery to compare sites (his sabbatic work)

-Bill Riebsame/CUBoulder geographer/models,socio-econ
(or Bob Costanza/environ economics)

-Monica Turner/ORNL

MAB-funded, comparison of Olympic NW forests w/ Appalachia - effects of land ownership patches on ecol/econ/sociological sustainability

...../GIS,computers, networks,data mgmt

(Liz Blood? James Brunt? Bob Robbins? Kingsbury? Running? Gosz? Richard Rockwell U MI)

DAY 3 Comparative & Synthetic Studies, Part 2

1 Parton-Shimel-Ojima/comparison of CENTURY model run for different sites

- Phil Robertson&Josh Shimel/trace gas network....
- Jim Brown/animal spp response to climate change
- Jim Reichman/consumers & disturbance, x-site
- Scott Collins/.....
- Ed Rastetter/GEM/TEM model comparisons
- Tom Webb (Brown Univ)/paleoecology, aquatic systems

DAY 4 An International Perspective on Long Term Ecological Research

1 Hank Shugart/forest models, comparisons

- Gene Likens/long term studies-importance globally
- Dave Jenkensen/UK Rothamsted experience
- Pedro Sanchez/TSBF (Tropical Soil Biol Fertility) Network studies
- Mike Swift

PROPOSED WORKSHOPS

- 1 Lakes & CO₂ Fluxes (Frost)
- 2 Nutrient Budgets (Driscoll)
- 3 Biological Legacies (Foster & Swanson)
- 4 Biodiversity BelowGround (Bledsoe, Moldenke AND, & others)
- 5 Climate Change Scenarios across sites w/ CENTURY (Parton/Ojima/Pulliam)
- 6 Organic Matter Dynamics in Streams (Meyer/Webster/Donna Diangelo?)
- 7 Trace Gas Flux Network (Beth Holland/D Shimel/Robertson?)
- 8 LIDET/Decomposition Experiment (Harmon et al.)
- 9 MiniRhizotron Technology Working Group (Bledsoe, Roger Ruess, Ron Hendrick)
- 10 EROL Investigators Reports: reports on research funded by NSF to get current NSF awardees to expand their work to LTER sites
- 11 Voucher Specimens/Collections at LTER Sites (???)
- 12

PROPOSED WORKING GROUPS

- 1 LTER Data Managers (Stafford/Brunt/Michener/Nottrott?)
(on-line datasets, linkages w/ science, model outputs/inputs, report on Albuquerque workshop, etc.)
- 2 Site Management Issues (Parmeter, Swanson, Meyer, Robin)
(successes & failures, techniques, mgmt modes, mgmt structures, leadership style, etc.)

- 3 "Beyond the 5 Core Areas"
(development of x-site scientific hypotheses, multi-site experiments, etc.)
- 4 LTER Collaborations w/ other Institutions & Networks
(Smithsonian, USFS, DOE ParkNet, etc.)
- 5 SuperComputer Centers as Foci for LTER DataSets/Imagery/etc.
(Brunt/Vande Castle/Sulzbach/Nottrott/etc.)
- 6 GIS Working Group (Jeff Starr/JVC/etc.)
- 7 LTER 2000 - developing new directions for LTER, 1993-2000 (Franklin et al.)
- 8 ...

PROPOSED COLLABORATIVE SESSIONS

- 1 Evening "Plenary Session": Student Research in the LTER Network
Possible Student Leaders:
 - a) Anne Hartley JRN (grad student w/ Shlesinger @ Duke)
 - b) Steve Wondzell AND
 - c) Janet Fischer NTL
 - d) Win Everham LUQ (Forestry, SUNY Syracuse (809-887-1261)
 - e) Sarah Hobbie
- 2 Evening Guest Speaker: Albert Gore? Gus SPeth (WRI)?

PROPOSED POSTER SESSIONS

- 1 An entire poster session organized around student research?
- 2 ...

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Robert Waide

From: Robert Waide [rwaide@lternet.edu]
Sent: Tuesday, February 01, 2000 11:25 AM
To: BobP (E-mail)
Subject: ASM



workshop-schedule
semifinal.xls...



ASM working
workshop list.doc

I here you're hiding out at home today. I'm thinking we should meet regarding the ASM ASAP so we can get the message out to the troops. We need to decide the following things:

Is the agenda sufficiently firm to put it up on the web? Regarding this, I have gotten Chuck Redman to agree to do the Social Science plenary. I think he'll do a good job, and the alternatives in terms of social scientists were skimpy.

How do we want to distribute the money to the sites? I will try and get Rio Grande to give us an idea of which sites might get direct flights and which have to change planes.

What does our message to LTER folks have to say? At a minimum we have to include:

- program
- list of workshops
- information about registration and housing
- information about costs and reimbursements
- information about posters and abstracts

ASK Ellen

We need to craft a separate message to lead Pis about the funding rules.

what's going? list - give them info. Students - steposters

We also have to write two supplement proposals for funds from NSF INT and SBE to bring folks in

use ESA formats - guidelines for spec June 1.

We also (soon) need to write to the leaders of the international networks and let them know they are invited.

The first step is the workshop agenda. I attach my most recent effort below. I have tried to lump similar workshops to make complete sets. When I did lump, I combined session names so you can see what I did. I also shifted things around to avoid overlaps in themes and organizers. At present, we have 17 concurrent sessions, with two others (land-margin and biological-scale process modeling) still pending. Twenty sites have someone who is organizing a workshop; AND is the champ with 15 organizers. Four sites are involved in only one (CDR, PAL, PIE, HFR) and one site (ARC) has none.

Let me know when we can get together.

Bob

Robert B. Waide
Executive Director
LTER Network Office

phone: 505/272-7311
fax: 505/272-7080

mailing address:
LTER Network Office
Department of Biology

+
ASM Do List
Revised 10/28/99

1. How many concurrent rooms do we need? —
2. Invite NSF folks
 - a. Phil Taylor
 - b. Polly Penhale
 - c. Tom Baerwald
3. Budget —
 - a. Poster boards —
 - b. Video presentation \$600
4. Get Watkins to do abstract
5. Link ESA and ASM web pages —
6. BSPM workshop
7. Tax exempt status for ASM —
8. Discuss Town Hall meeting with Jim, exec —
9. Talk to Scott about inviting Yates, Clutter —
10. Invite NAB —
11. Determine and collect registration fees
 - a. ~~How to identify LTER people —~~
12. Get input on final program
13. Choose and invite plenary speakers.
14. Get Christy and Greg to organize lunch discussions (Waide)
15. Request posters
16. Devise role for NAB
 - a. Lead Town Meeting
17. Arrange tables for grad student lunches
18. Seminar room Wednesday and Thursday 4:30-5:30 for GIS and RS seminars
19. ~~Press mixer —~~
 - a. ~~Patty with Ellen —~~
20. Video premier
21. Do a list of workshop organizers and an e-mail group
22. NET responsibilities
 - Town Hall meeting and NAB - Bob and Bob
 - Invitations to Colwell and Clutter - RBW
 - Invitation to NAB - RBW

- Invitation to Risser - JG
- Finalize program/invite plenary speakers - Bob and Bob
- Registration fees - Louise/Ellen
- Organize poster session - Patty, John, Grad students
- Press mixer - Patty/Ellen
- Video premier - Patty
- List of workshop organizers and an e-mail group - Louise/James
- ILTER invitations and coordination - Chris
- ASM web page - Marsh, Bob, Patty
- Mixers - Chris
- Cake - Chris
- Transport logistics - John/Bob P.
- Exhibitors - ?
- Displays - ?
- Registration - ?

Date: Thu, 14 Oct 1993 11:44:48 -0700 (PDT)
From: John Vande Castle <jvc@lternet.edu>
Subject: response to CPR concerns (fwd)
To: blauenroth@lternet.edu, iburke@lternet.edu

Hi Indy and Bill,

I don't want to beat a dead dog and know you really aren't concerned about not being able to offer a few "free" meal tickets to your "commuter" people (but you were pretty serious at the time). In any case, we are trying to make sure everybody is happy, or at least understands the situation. We really are tired of playing police since if we try to enforce any decisions by the LTER/CC, LTER/EXEC or even judgements we might have to make to keep things "fair", grumblings get spread around, and it gets pretty demoralizing back here. (This is why we didn't even mention the 1 extra CPR lodging bill when it appeared). Your site was FAR from the most difficult, but then again we hardly noticed the mass of NWT people, and sites like AND and NTL sent us a clear list of who they wanted "funded". I even hate to send this off, since I enjoy working with you and people at your site, and you will remember me as the NET person yet again hassling you about this. I am not.

You will see from the list that Adrienne worked up, that 6 people said their were "paid for" people from CPR. If you read between the lines, you will notice the amount of effort it takes to track this, even with the great database Daniel and Rudolf generated (we didn't even have this last time). You will also note the special attention Adrienne placed on trying to accomodate everybody.

-jvc

----- Forwarded message -----

From: Adrienne Whitener <adub@lternet.edu>
To: John Vande Castle <jvc@lternet.edu>
Subject: response to CPR concerns

John:

Following is a list of All Scientists attendees from the CPR site whose food and lodging packages were paid by the Network office:

Epstein, Kelly, Martinez, Pulliam, Vinton, Woodmansee

INTERNATIONAL SUMMIT (food and lodging paid by Net. Ofc.)

Oswaldo Sala, C. Togtohyn (invited at D. Ojima's request)

INVITED SPEAKERS (food and lodging paid by Net. Ofc.)

Moore, Parton

The following people had rooms for one night only - 9/17 - so they could attend the Century Workshop (these people paid for their rooms). If I recall correctly, I did not charge for Dr. Hartmann's husband. They felt it was too expensive since he was not attending the workshop. Since it was a double room, the Network Office would have made up the difference for the second person.)

Hartmann (+ spouse), Hilinski, McKeown

COMMUTERS who registered prior to the meeting

Aguiar, Bearly, Burke, Coffin, Coleman, Fair, Fan, Hook, Kirchner, Lane, Lauenroth, McKeown, Milchunas, Minnick, Paruelo, Urban

The YMCA gave us meal tickets to hand out corresponding to the number of rooms we had reserved. The tickets were good for the entire week; there were no daily tickets to hand out. As was stated in all of the pre-meeting literature, commuters were expected to purchase meal tickets if they wished to dine in the YMCA dining hall. It would have been impossible for our staff to coordinate purchase of individual meals for commuters, and not at all practical to process expense claims for small amounts.

The way the Niwot Ridge site handled the situation was to reserve the 5 rooms they were entitled to, and then they coordinated moving people in and out of the rooms as needed, and swapping the meal tickets that came with those rooms. Although local sites received no travel funds, the advantage to them was that they could have any number of participants, for as many or as few days as they wanted, either free or for the price of a meal.

The subject of the Network Office purchasing meal tickets for commuters was not brought up at the Las Cruces CC meeting where All Sci. fund allocation was discussed, or after we began publishing materials stating that commuters would purchase meal tickets.

1993 LTER ALL SCIENTISTS MEETING UPDATE - PLEASE READ CAREFULLY. This information and additional materials will be mailed to all registrants for whom we have addresses.

WHERE YOU CAN BE REACHED AT ESTES PARK: (303) 586-3341 is the YMCA switchboard voicemail system. Dial 0 for an operator; we will give a room list to the office so you can be located.

OTHER TELEPHONE NUMBERS:

Charles Limousine: 1-800-950-3274 or (303) 586-5151
Estes Park Chamber of Commerce: 1-800-44 ESTES

AIRPORT TRANSPORTATION:

The YMCA of the Rockies is about 90 min. from Stapleton International Airport.

ON SATURDAY, SEPT. 18, THREE CHARTER BUSES WILL SHUTTLE PEOPLE FROM STAPLETON AIRPORT TO THE YMCA AT NO CHARGE. THE BUSES WILL DEPART STAPLETON AT THESE TIMES FROM DOOR #3 IN THE BAGGAGE CLAIM AREA: 12:30 PM, 3:00 PM, AND 6:30 PM.

If you arrive on a different day or if the charter bus schedule does not work for you, the other option is **Charles Limousine, 1-800-950-3274 or (303) 586-5151.** If possible, call ahead to reserve a seat. Their shuttles depart Stapleton International at: 9:30 am, 12:00 noon, 3:30 pm, 6:30 pm. Pickup will be **INSIDE Door 6, Baggage Claim Level.** Check in with the Ground Transportation Information Booth. **Rates: one-way - \$24; round-trip - \$42.** Charles Limousine staff wear green shirts saying "Charles Tour and Travel Service." Your destination is **ESTES PARK CENTER/YMCA OF THE ROCKIES.**

On Thurs., Sept. 23, charter buses will depart the YMCA at 6 AM, 8 AM and 11 AM. Charles Limousine's schedule for that day is 7 AM, 9 AM, 11 AM and 4 PM. If you have a very early flight, you will need to have a rental car or stay in an airport motel the previous night.

IF YOU PLAN TO DRIVE: From Denver take U.S. 36 West through Boulder, Lyons and Estes Park. Three miles southwest of downtown Estes Park, turn left on Colorado 66 and continue two miles to Estes Park Center. Travel time from Denver: 90 min. to two hours.

CHECK-IN: UPON ARRIVAL AT THE YMCA OF THE ROCKIES ESTES PARK CENTER, CHECK IN WITH LTER STAFF. Signs will be posted in the main parking area directing you to the registration area. **ROOM CHECK-IN TIME IS 3:00 PM; CHECK-OUT UPON DEPARTURE IS 10:00 AM.**

PAYMENT: (disregard if your room is paid by the LTER Network Office)
THE YMCA CANNOT ACCEPT CREDIT CARDS. PLEASE BRING A CHECK MADE OUT TO YMCA OF THE ROCKIES FOR \$298.70 PER PERSON. This is a conference package price covering food and lodging from dinner on 9/18 through breakfast on 9/23, and cannot be prorated. Cash and travelers' checks are acceptable, but checks are preferred.

If you have not sent your refreshments fee to the Network Office, please pay \$10 cash or check at check-in. Refreshments checks must be made out to **LTER ALL SCIENTISTS MEETING.** The \$10 is to cover refreshments for the non-business portions of the meeting, and is due from all participants. Commuters wishing to dine with the group must purchase meal tickets in the dining hall: Breakfast: \$4.50, Lunch \$6, Dinner \$8.50. Daily: \$19.00.

LATE ARRIVALS: If you are going to arrive at the airport late at night, you might consider staying over at an airport motel and driving or taking a limo to the Y the next morning. Motel expenses will not be covered by the Network Office.

IF YOU PLAN TO ARRIVE AT THE YMCA AFTER 7PM NOTIFY THE NETWORK OFFICE ASAP SO WE CAN ARRANGE TO LEAVE YOUR KEY AT THE 24-HOUR DESK IN THE ADMINISTRATION BUILDING. IF YOU PLAN TO ARRIVE AT THE YMCA PRIOR TO SEPT. 18, YOU NEED TO MAKE YOUR OWN

ROOM ARRANGEMENTS FOR THE EXTRA NIGHT(S). See "special arrangements" section below. [We do have rooms on 9/17 for Executive Committee members, International Summit participants, and CENTURY workshop participants.]

ROOMMATE ASSIGNMENTS: There are several cases where people requested as roommates have not registered for the meeting or have been previously assigned. In those cases or where a registrant has left the lodging section of the registration form blank, we will assign a roommate. Unfortunately we cannot contact each person involved.

INT'L SUMMIT HOSTS AND GRADUATE STUDENT MENTORS: Thanks very much to all who have volunteered. Your names have been forwarded to the individual or group responsible for organizing your volunteer area.

PEOPLE WHO HAVE VOLUNTEERED AS INT'L SUMMIT HOSTS ARE NOT EXPECTED TO STAY FOR THE SUMMIT. You will be needed during the main All Scientists Meeting, Sept. 18-22, to help the International Summit visitors are to participate fully in the meeting.

ETC:

WEATHER AND ALTITUDE: Normal daily low temperature for September is 38 F; normal high is 70 F. Estes Park altitude is approx. 9,000 ft. above sea level. Prepare for variable temperatures and weather if you plan to hike. Include raingear, layered clothing and sunscreen.

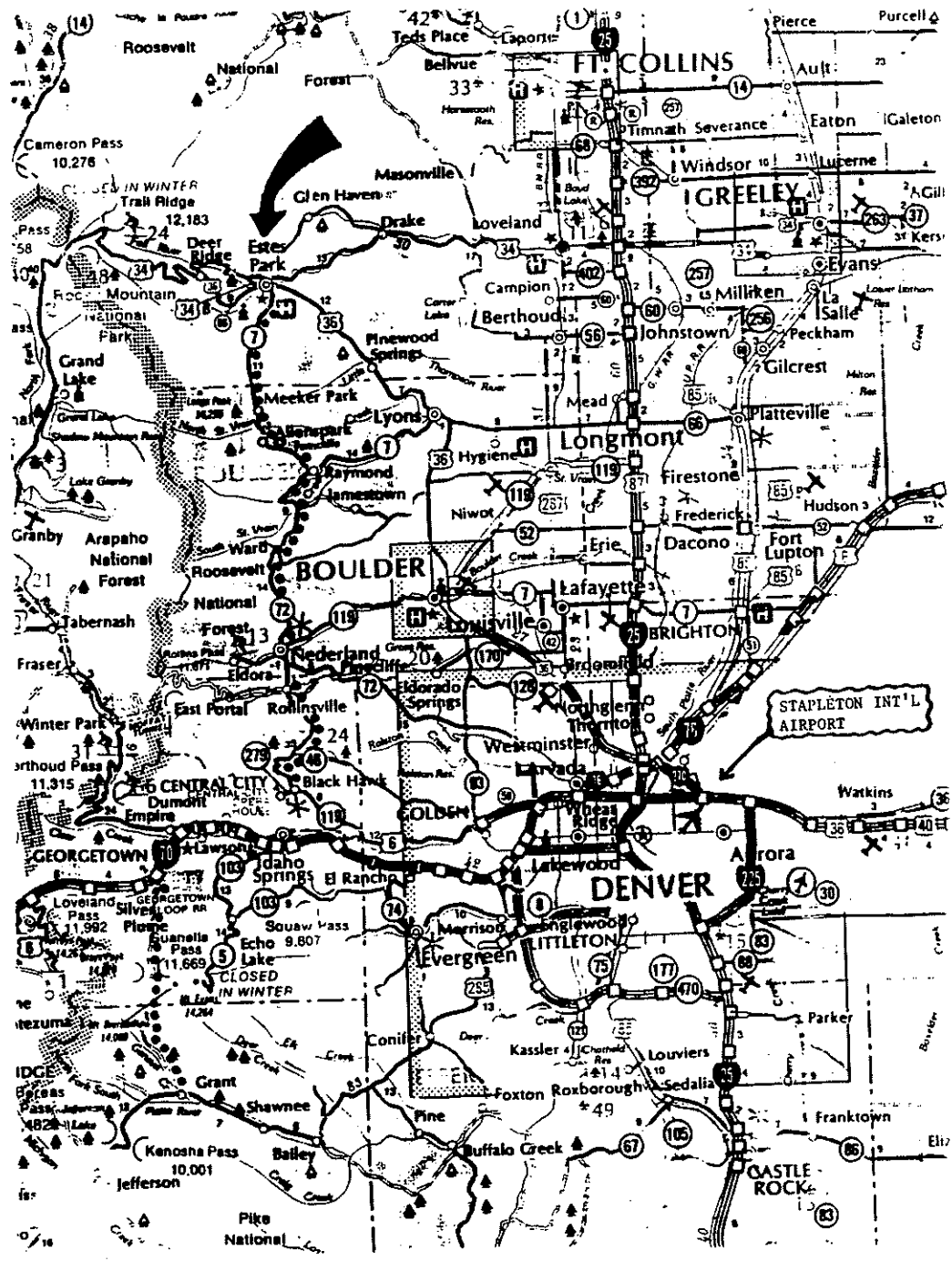
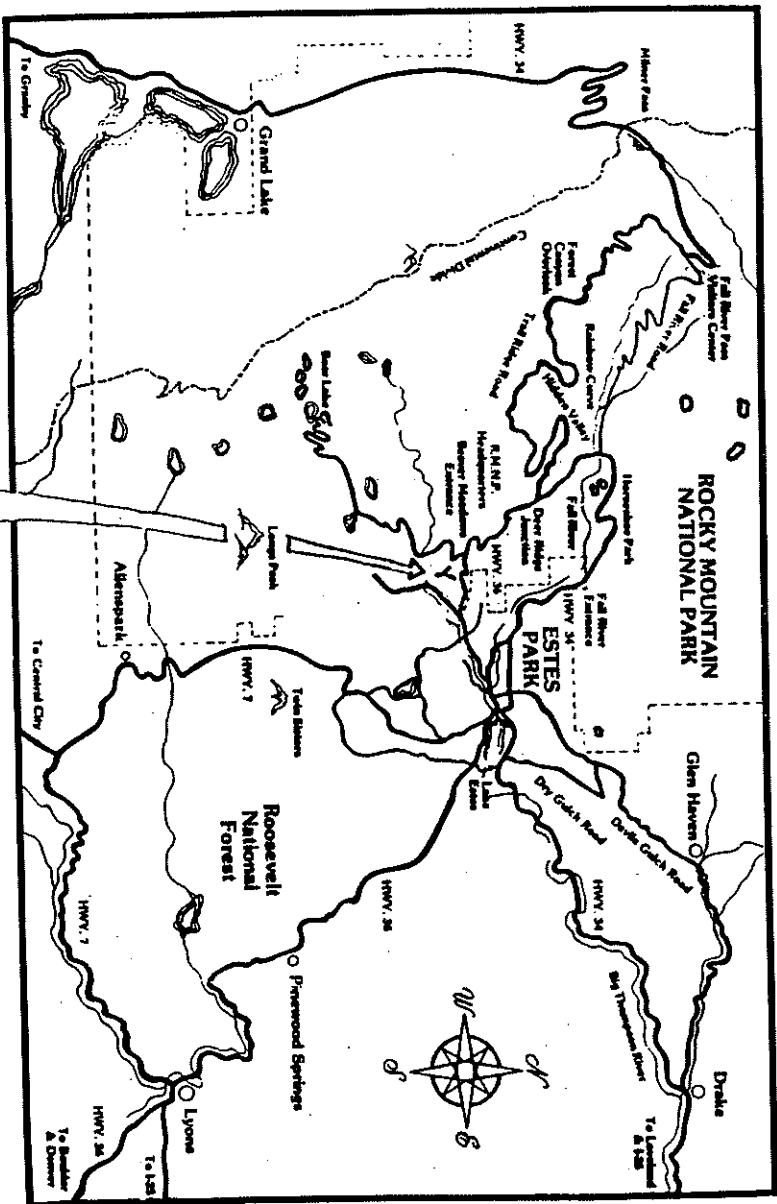
SPECIAL LODGING ARRANGEMENTS: If you are bringing family or staying beyond the All Scientists Meeting dates and wish to make special housing arrangements, dial (303) 586-3341 and enter extension 1010. Let them know you're with the LTER All Scientists Meeting group, but wish to make separate lodging arrangements. If the line is busy, you will be able to leave a message. If you extend your stay, you may end up in a different room than the one you have for the All Scientists Meeting. As of this writing, the Y has no rooms available prior to the 18th, but extending your stay beyond the 23rd should not be a problem. Information on hotels in the Estes Park area is available from the Chamber of Commerce, 1-800-44-ESTES.

CHILD CARE: We have had very few requests for child care, so the Network Office will not try to set up group daycare. The Y's child care options are unfortunately not available in September. The Y offers individual babysitting/child care provided by off-duty YMCA staff. The charge is \$3.00 minimum per hour for one child, and .50 per hour for each additional child, per family.

Call the YMCA Program Dept. at (303) 586-3341, ext. 1104 at least a week or two before your arrival, and they will post a staff sign-up sheet. Since childcare sign-ups are voluntary, the Y cannot guarantee staff availability.

VEGETARIAN MEALS: A limited number of hot entrees is prepared by the kitchen, and there is always a salad bar in the dining hall. So that the vegetarians among us aren't confined to eating at the salad bar, we have requested, in cases where more than one hot entree is offered, that one of them be vegetarian, fish or chicken.

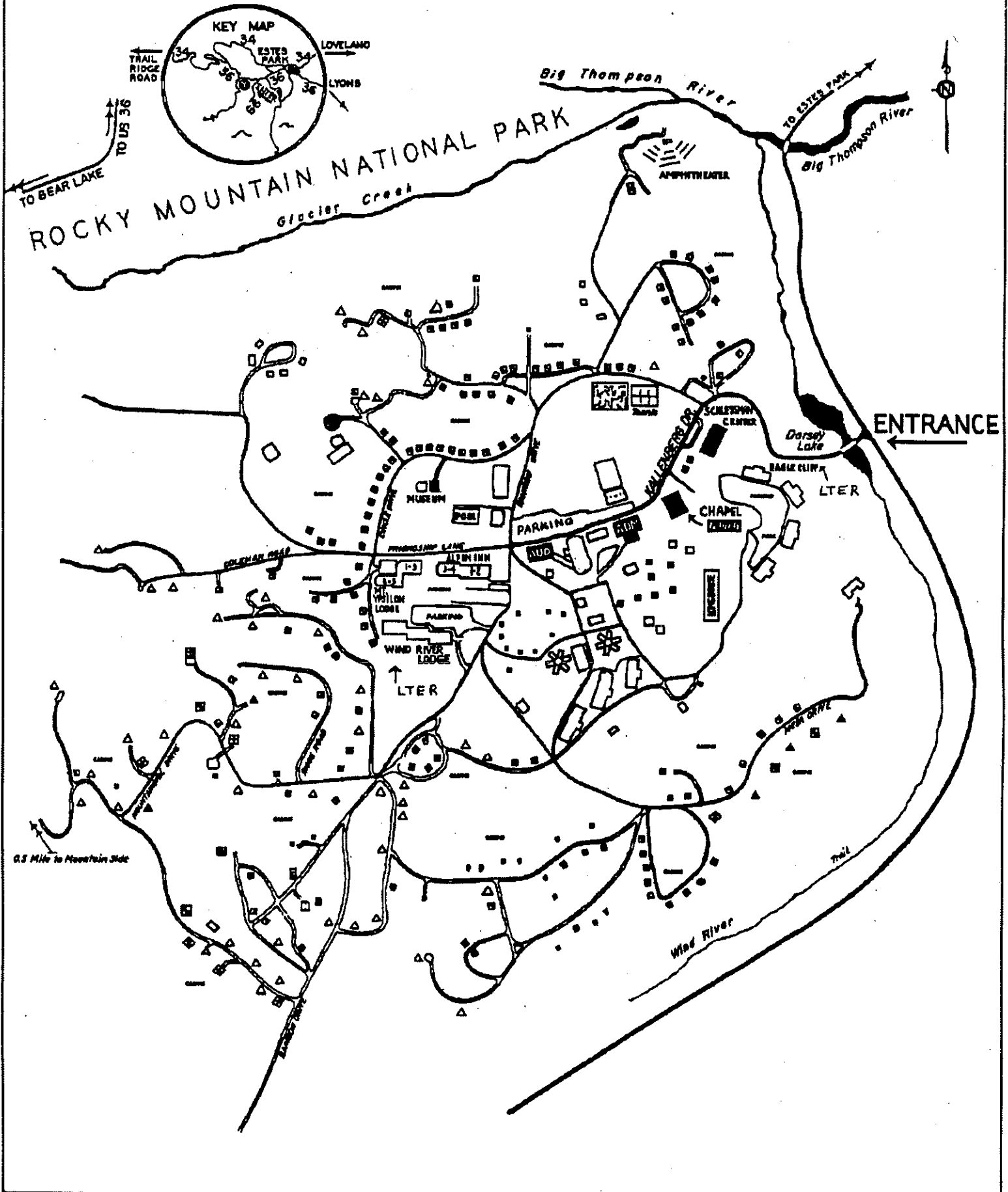
YMCA of the ROCKIES
 Estes Park Center
 See detailed YMCA map on other side →





ESTES PARK CENTER

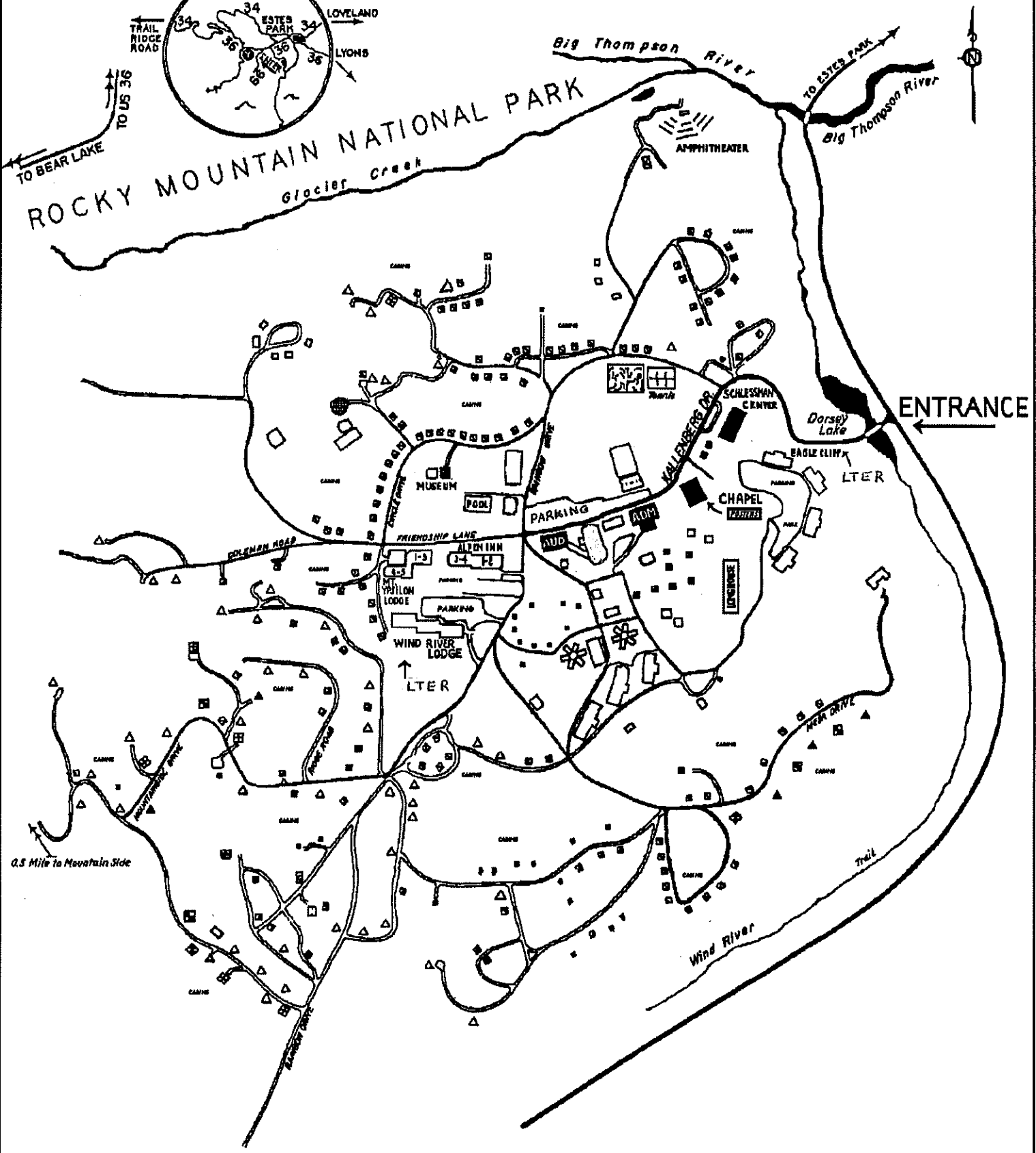
YMCA of the Rockies





ESTES PARK CENTER

YMCA of the Rockies



0.5 Mile to Mountain Side

1993 LTER ALL SCIENTISTS MEETING

INVITED PRESENTATIONS

7pm Saturday, September 18

"LTER 2000" - PAST AND FUTURE

Jerry Franklin:

"LTER 2000 - The Next Decade"

Tom Callahan:

"LTER Network - 1965-1993, an NSF Perspective"

Sunday, September 19

INTER-SITE AND SYNTHETIC RESEARCH

Co-Chairs:

John Hobbie, ARC and Janet Fischer, NTL

Jerry Franklin:

Welcome and Introductions

Bruce Hayden:

"Ecosystem Controls on Climate and Atmospheric Linkages Between Ecosystems"

Susan Stafford:

"Integration of Scientific Information Management and Long-Term Ecological Research"

Mark Harmon & LIDET Team:

"Long-Term Decomposition Experiments (LIDET)"

James Brown:

"Inter-Site Comparisons Focusing on Animal Species, Guilds and Functional Groups"

Monday, September 20

INTER-SITE AND SYNTHETIC RESEARCH

Co-Chairs:

David Foster, HFR and Win Everham, LUQ

William Parton:

"Simulating Climatic Change Impacts for the Terrestrial LTER Sites: The CENTURY Model Results"

Ed Rastetter:

"Reconstructing Historical Changes in Carbon Storage in Terrestrial Ecosystems: Using a General Ecosystem Model to Compare LTER Sites"

Jack Webster:

"Organic Matter Processes in Streams in the United States"

John Moore:

(Title to be advised: below-ground biodiversity/food webs, x-site)

Tuesday, September 21

LTER - NEW DIRECTIONS

Co-Chairs:

Jerry Franklin, NET and Anne Hartley, JRN

Jerry Franklin:

"Introduction to LTER 2000"

Richard Berk:

"Urban Ecosystems and the Humans in Them"

Bob Costanza:

(Tentative: Environmental Economics)

Penny Firth:

"Coordination of Federal and Earth and Environmental Sciences Research: Lessons and Outlook"

William Rees:

(Title to be advised: ecological footprints)

Wednesday, September 22

LTER - EXPANDING PERSPECTIVES

Co-Chairs:

Diana Freckman, MCM and Steven Wondzell, AND

Hank Shugart:

"Ecosystem Models: LTER - International Partnerships"

Beth Holland:

"Building a Trace Gas Network for the U.S."

John Magnuson:

"Comparative Landscape Ecology of Disparate LTER Ecosystems: Spatial Heterogeneity in Greenness from Full LANDSAT Scenes"

David Kingsbury:

"A Model of Shared Information Services for a Distributed Research Community"

OUTLINE AND SCHEDULE OF EVENTS

Mornings:

8:00 - 10:00	Three presentations, 40 minutes each
10:00 - 10:30	Break (coffee/tea)
10:30 - 11:10	Talk 4
11:10 - 12:00	5 "Site Bites"
12:00 - 1:00	Lunch

Afternoons:

1:00 - 4:00	WORKSHOPS/POSTERS/MEETINGS/DEMONSTRATIONS
4:00 - 6:00	Free Time
6:00 - 6:30	Social

Evenings:

6:30 - 7:30	Dinner
7:30 - 9:30	Various (workshops, banquet, social, etc.)

Mornings: During the 4-day meeting, each morning consists of a general session for the entire group. In the general session, the first 3 hours are devoted to invited presentations (4 talks each morning, 30 minutes in length, followed by 10 minutes for questions for each talk). The morning sessions were developed and speakers selected by the All-Scientists Program Committee (Caroline Bledsoe, Chair; Lauenroth, Seastedt, Vande Castle, Hayden, Waide). The final hour of each morning consists of "Site Bites" - short 10 minute presentations from each of the 18 LTER sites. Five sites will make presentations each morning, focusing on new, exciting and synthetic research. These presentations are not intended to be a general overview of the site and its entire program. (See Site-Bite sign-up sheet)

Afternoons: Afternoons consist of workshops, meetings and poster sessions for 3 hours (1-4pm), followed by free, unscheduled time (4-6pm) until dinner. On day 1, the entire afternoon is devoted to the Poster Session, in order to give all participants sufficient time to view the posters. The Poster Session is being coordinated by the LTER Graduate Student Committee. Posters will be organized in a main meeting room area, grouped as space permits for site information, research, etc. Poster abstracts are required and will be included in a proceedings document. There will be one full afternoon for poster presentation, and posters may be left on display for the duration of the meeting. A large number of poster boards will be set up, but some posters may need to be tacked or taped by their top corners. Abstracts should be a short paragraph describing the poster content. Abstracts should be sent via E-mail to "register@lternet.edu". (See section on Abstract Format)

On Days 2, 3 and 4, the afternoons are devoted to various workshops, meetings, demonstrations, and ad hoc "birds of a feather" sessions. The workshop coordinator is Ken Bible of the LTER Network Office. Many workshops are planned in advance, while others can be arranged spontaneously at the meeting. The "birds of a feather" sessions are informal, spontaneous meetings of like-minded persons who want time to interact together.

Evenings: Saturday Evening: Dr. Jerry Franklin (LTER Network Office) and Dr. Tom Callahan (National Science Foundation) will give an overview of the LTER Program, focusing on the development of the LTER Program (Callahan) and plans for the future (Franklin). Sunday and Monday Evening: Workshops Tuesday Evening: Banquet and Dinner Speaker (to be selected). Wednesday Evening: Workshop Reports with an overall summary of the meeting.

MEETINGS AND DEMONSTRATIONS

1. Demonstration and Guide to Using the "InterNet" (Porter, Hayden, Nottrott, et al.)
2. LTER Graduate Students - initial meeting and social
3. LTER Climate Committee (Greenland, et al.)
4. LTER Data Managers: On-line datasets, linkages with science, model outputs/inputs, report on Albuquerque workshop, etc. (Stafford, Brunt, Nottrott, et al.)
5. Site Management Issues: Successes & failures, techniques, management modes, management structures, leadership style, etc. (Parmenter, Swanson, Meyer, Ross?)
6. "Beyond the 5 Core Areas": Development of cross-site scientific hypotheses, multi-site experiments, etc. (LTER PIs)
7. LTER Collaborations with other Institutions & Networks such as Smithsonian, USFS, DOE ParkNet, etc.
8. SuperComputer Centers as Foci for LTER DataSets/Imagery/etc. (Brunt, Vande Castle, Sulzbach, Nottrott, et al.)
9. GIS Working Group
10. LTER 2000 - Developing New Directions for LTER, 1993-2000 (Franklin and LTER PIs)

ABSTRACT FORMAT

Abstracts can be written for various types of presentations, including:

- (A) Posters (primarily scientific presentations)
- (B) Invited Oral Presentations (scientific)
- (C) Workshops (brief description of workshop, including names of organizers)
- (D) Meetings (brief description of meeting purpose and organizers)
- (E) Demonstration (brief description and organizers)

The Abstracts will be compiled for a proceedings volume. Abstracts can be sent via E-mail to "register@lternet.edu"

If you submit your abstract by mail, please type it inside a box 7.0" wide x 4.0" long (corresponding to the top half of an 8.5 x 11.5 sheet of white paper, and allowing a 3/4" margin on all sides). Include the following information: authors, title in CAPS, address of authors, LTER sites of authors (see example below), and text. The text should briefly describe your research, including a short introduction, methods, results and discussion. These abstracts will be reproduced from your copy and will be included in an All Scientists Meeting Conference Proceedings, which will be available at the meeting. On the bottom half of the sheet, please indicate which type of abstract you are sending:

- Poster
- Workshop
- Meeting
- Demonstration

(EXAMPLE)

..... (top of page)

Bledsoe, Caroline, Adrienne Whitener, Ken Bible and Rudolf Nottrott. LOGISTICS AND ORGANIZATION OF THE 1993 LTER ALL SCIENTISTS MEETING. Univ. California, Davis CA 95616 and LTER Network Office, Univ. Washington, Seattle WA 98195. NET.

Begin text of abstract here.....

..... (middle of page)

Abstract Type: POSTER

LODGING INFORMATION

The food and lodging cost for attending the All Scientists Meeting, is \$298.70 per person. This is a package rate that includes all meals, site use fees and taxes from dinner on September 18, 1993 through breakfast on September 23 and is payable upon check-in at the YMCA. Only checks made out to the YMCA of the Rockies, cash, or cash equivalent can be accepted -- **NO CREDIT CARDS**. Children under three are free; the charge for children three years and up is \$59.74.

Participants arriving early or staying late will pay an additional \$60.77/day.

Note that there is an additional \$10 registration fee which will be used for refreshments at the breaks and mixers.

Meal tickets can be purchased in the dining room by daily commuters. (See General Information section for prices)

All rooms are non-smoking. No pets other than official guide dogs.

PLEASE NOTE: Our rates are based on double-occupancy. Single-occupancy rooms are limited. Room assignments will be made by the LTER Network Office as registration forms arrive. If you have special housing needs, please register early and we will do our best to accommodate. Single-occupancy rooms are in Mt. Ypsilon Lodge. All rooms have a private bath and linens are provided. Wind River Lodge, the newest building, will be filled first, so the earlier you register, the nicer your accommodations will be. The buildings we have reserved have the following configuration:

Wind River Lodge:	2 queen beds, 1 futon, full bath
Alpen Inn:	2 queen beds, one queen sofa bed, full bath
Eagle Cliff Lodge:	1 queen, 1 set bunk beds, 3/4 bath
Mt. Ypsilon Lodge:	1 double bed, single bolster bed, full bath

LTER SITE INFORMATION

Allocation of Network Office funds for LTER site participation in All Scientists Meeting:

- A. Meeting costs, meals and lodging (i.e. on-site costs) for 5 people per LTER site and the Executive Committee will be paid by the Network Office.
- B. All except the two Colorado sites will have 5 minimum estimate airfares paid by the Network Office. (Minimum estimate = 14-day advance purchase with Saturday stayover.)
- C. For sites wanting to drive or send some drivers and some flyers (like NTL): Network Office funds equivalent to unused airfares will be exchanged for the on-site costs at the meeting. The dollar amounts will be based on airfare estimates to be obtained by the Network Office and discussed with the affected sites.
- D. The Network Office will pay on-site costs for scheduled meeting speakers from LTER sites. Travel for site-based speakers will not be covered above and beyond the 5 airfares allotted per site.

Costs covered by the Network Office will be paid either to the YMCA of the Rockies for on-site costs or to Global Express for air travel. This will eliminate the need for travel claim forms to be processed through the University of Washington.

Each site is encouraged to send at least 5 people in addition to the 5 Network Office-paid participants, and to include at least 2 graduate students in each site group. (The graduate students can be part of the group of 5 LTER Network Office-paid participants from each site if the PI so decides, but they will not be covered in addition to the 5.)

The \$10 registration fee noted on the registration form is to cover refreshments for social, non-business functions that cannot be covered by Network Office grant funds, and is due from all registrants.

AIRLINE TICKETS: Site representatives designated to have travel paid by the Network Office **MUST RESERVE AIRLINE TICKETS THROUGH GLOBAL EXPRESS TRAVEL, 1-800-448-2211.** Global Express has arranged a United Airlines meeting discount. Please talk to **CLAUDIA GORDON** or **GLORIA GRIFFITH**, who have been assigned to handle the All Scientists Meeting. If they are not available you can ask for Eric Hart, manager of the agency.

If you add non-LTER travel on your itinerary, please ask the travel agent for the price of the non-LTER portion and submit a check to the Network Office as soon as possible.

Anyone is welcome to book through Global Express to take advantage of the discount, but please have a credit card number ready if the Network Office is not paying for your travel.

GENERAL INFORMATION

The airport closest to Estes Park is Stapleton in Denver, Colorado. Participants should plan to arrive on Saturday, September 18, for the All Scientists Meeting.

If you plan to attend one of the meetings scheduled prior to the All Scientists Meeting, plan your arrival accordingly. Opening remarks by Jerry Franklin and James T. Callahan will begin at 7pm on Saturday, September 18.

In order to offer the exceptionally low conference package price, the YMCA does not provide any registration, room assignment or check-in service. Those services are performed by a small Network Office staff with some volunteer assistance. We recommend that you schedule your arrival at the airport between 10am and 4pm if possible, so that we can most efficiently assist you with transportation and check-in. Estes Park is about an hour's drive from the airport.

Transportation from Stapleton Airport to the YMCA of the Rockies will be via no-cost charter bus at peak times. Additional transportation can be arranged by commercial shuttle service. Information on schedules and prices will be sent to registrants at a later date.

The meeting will officially adjourn the evening of Wednesday, Sept. 22, so most departures can be scheduled for Thursday, September 23. However, there may be some field trips or post-meeting activities on Thursday. Participants wishing to stay for these are advised to wait for further information before scheduling your departure.

Participants who live nearby and plan to commute daily to the meeting can purchase meal tickets in the dining room. Breakfast: \$4.50, lunch: \$6, dinner: \$8.50 (\$19 for all three).

The weather in Estes Park in September is variable -- prepare for anything from sunshine to snow. Casual dress is suitable for the meeting. Prepare to dress in layers if you plan to spend time outdoors. Bring hiking boots, running shoes and your favorite sports equipment. There is an indoor pool. Bear in mind that **Estes Park is 8,000 feet** above sea-level, and it may take a day or two to adjust to the altitude. The meeting location is adjacent to Rocky Mountain National Park.

REGISTRATION AND SIGN-UP FORMS

**1993 LTER All Scientists Meeting
September 18-23, 1993
YMCA of the Rockies, Estes Park, CO**

REGISTRATION DEADLINE: MONDAY, AUGUST 2, 1993

The registration fee is payable upon registration: Please mail a check for \$10.00 U.S., made out to "LTER All Scientists Meeting," to the LTER Network Office by Monday, August 2, 1993. This fee will be used for refreshments during social events at the meeting.

You may register by:

Electronic Mail: "register@lternet.edu" (registration fee payable upon check-in)

Fax: (206) 685-3091

Mail: LTER Network Office
University of Washington
College of Forest Resources, AR-10
Seattle, WA 98195

1993 LTER All Scientists Meeting Registration
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NAME:

Male ___ Female ___

LTER Site or Your Organization:

MAILING ADDRESS:

TELEPHONE(S):

FAX:

ELECTRONIC MAIL:

ALTERNATE CONTACT IF YOU ARE NOT AVAILABLE:

PLEASE CHECK ALL THAT APPLY:

___ I plan to ___ FLY ___ DRIVE ___ to Estes Park. *(Please circle one)*

___ I am designated by my site to have my meeting attendance paid by the LTER Network Office.

___ I am a graduate student.

___ I will need child care during the All Scientists Meeting. (check one: group ___, individual ___, or either ___.)

___ I have special dietary needs:

LODGING INFORMATION:

___ I will be a DAILY COMMUTER to the meeting and will not need lodging. (Meal tickets can be purchased at Estes Pk.)

___ I have special housing needs:

___ I wish to room with:

___ Please assign a roommate.

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PROPOSED WORKSHOPS: PLEASE INDICATE YOUR INTEREST IN ATTENDING

YOUR NAME: _____

- _____1 Comparative Analysis of Disturbance (Hayden, Swanson, Franklin)
- _____2 Landscape CO₂ Dynamics in Streams, Lakes and Wetlands (Kratz, Cole, Kling)
- _____3 Alkalinity Budgets (Driscoll, et al.)
- _____4 Roots: Turnover, Longevity and MiniRhizotron Technology (Bledsoe, Hendrick)
- _____5 Organic Matter in Streams (D'Angelo, Webster, Meyer)
- _____6 LTER and EOS (NASA) Research (Vande Castle, Running)
- _____7 Soil Biodiversity (Bledsoe, Moore, Lattin, Moldenke)
- _____8 Litter Decomposition (LIDET, Harmon, et al.)
- _____9 Trace Gas Fluxes Network (Holland, J Schimel, Mosier, Ojima, et al.)
- _____10 CENTURY -- GEM Modeling Comparisons (Ojima, Parton, D Schimel)
- _____11 El Nino (Hayden)
- _____12 LTER Data Catalog and Bibliographic Database (Nottrott, Gross, Bledsoe, et al.)
- _____13 Mapping Soil Properties at Large Spatial Scales (Sollins, Coleman)
- _____14 Food Webs (Hall, Waide, Frost)
- _____15 Regional Research (Burke, Hayden)

Suggested Workshop Topics - No Organizers Identified !

- _____1 Scaling (...)
- _____2 Socio - Economic - Ecological Integration
- _____3 Biodiversity and Ecosystem Functioning
- _____4 EMAP and USFS Forest Health Monitoring
- _____5 National Biological Survey
- _____6 Intersite Research by Grad Students - How to Promote It
- _____7 Administration and Leadership of LTER Programs at Individual Sites
- _____8 Spatially Explicit Modeling
- _____9 Modeling at Large Scales

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"LTER SITE BITE" PRESENTATION SIGN-UP

Due to the short time for each site, we suggest that you limit the number of slides to no more than TWENTY and that you have only 1-2 data slides (for further information, see Section 3). **Please indicate which person will make the presentation** and return this information to the Network Office by Monday, August 2, so we can include the information in the program.

Sunday September 19 Antarctic/Arctic Sites:

MCM.....
PAL.....
ARC.....
BNZ.....

Monday September 20 Temperate Forest Sites:

HBR.....
HFR.....
CWT.....
AND.....
LUQ.....

Tuesday September 21 Coastal, Lake, Alpine, Agricultural Sites:

KBS.....
NIN.....
NTL.....
VCR.....
NWT.....

Wednesday September 22 Desert, Grassland Sites:

JRN.....
SEV.....
CPR.....
KNZ.....
CDR.....

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REQUEST FOR VOLUNTEERS

Your consideration of the following opportunities for LTER scientists to act as mentors during the All Scientists meeting would be greatly appreciated. Please reply to the LTER Network Office by Monday, August 2, by electronic mail or by returning this form with your registration.

This is a preliminary attempt to identify potential volunteers; we do not yet have detailed information about the work or areas of interest of the person(s) with whom you will be matched. Volunteers will receive further information prior to the meeting.

Graduate student mentors: A graduate student committee has been formed to ensure graduate student involvement in the All Scientists Meeting, with the long-term goal of encouraging cross-site comparison work in graduate student projects. Each LTER site is strongly encouraged to bring at least 2 graduate students to the All Scientists Meeting. The graduate student committee needs volunteers to "mentor" individual or small groups of grad students. This would involve helping students interact with each other and with researchers from sites other than their own, ensuring that they do not become isolated. If you are willing to volunteer, please indicate below.

International Summit: The All Scientists Meeting will be followed by an invitation- only International Summit, consisting of approximately 40 scientists invited on the basis of their involvement in long-term research in their countries. The Network Office needs volunteers to host International Summit participants throughout the main part of the All Scientists Meeting. Responsibilities will be to interact with one International Summit participant to ensure that he or she is able to participate fully in the meeting, and that any problems are directed to the proper person or place for resolution. International Summit invitees include representatives from the following countries: Australia/New Zealand, Sweden, France, Canada, Hungary, Scotland/U.K., China, Taiwan, Chile, Brazil, Russia, Argentina, Israel, Japan, and Mexico. Please sign up below.

YOUR NAME: _____

_____ I am willing to act as mentor to one or a small group of graduate students during the All Scientists Meeting.

_____ I am willing to host an International Summit visitor during the All Scientists Meeting.

- If you speak languages other than English, please specify:

COMMENTS: