

Early Career Scientist Initiative within LCLUC

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A new initiative

- To engage Early Career Scientists (ECS) with the LCLUC Program
- To provide a forum to express ECS views
- To provide training opportunities in EO, modeling, and transdisciplinary science
- To prepare next generation of Earth scientists with LCLUC interests

Who are Early Career Scientists?

- graduate students
- post-doctoral scientists
- pre-tenure faculty members

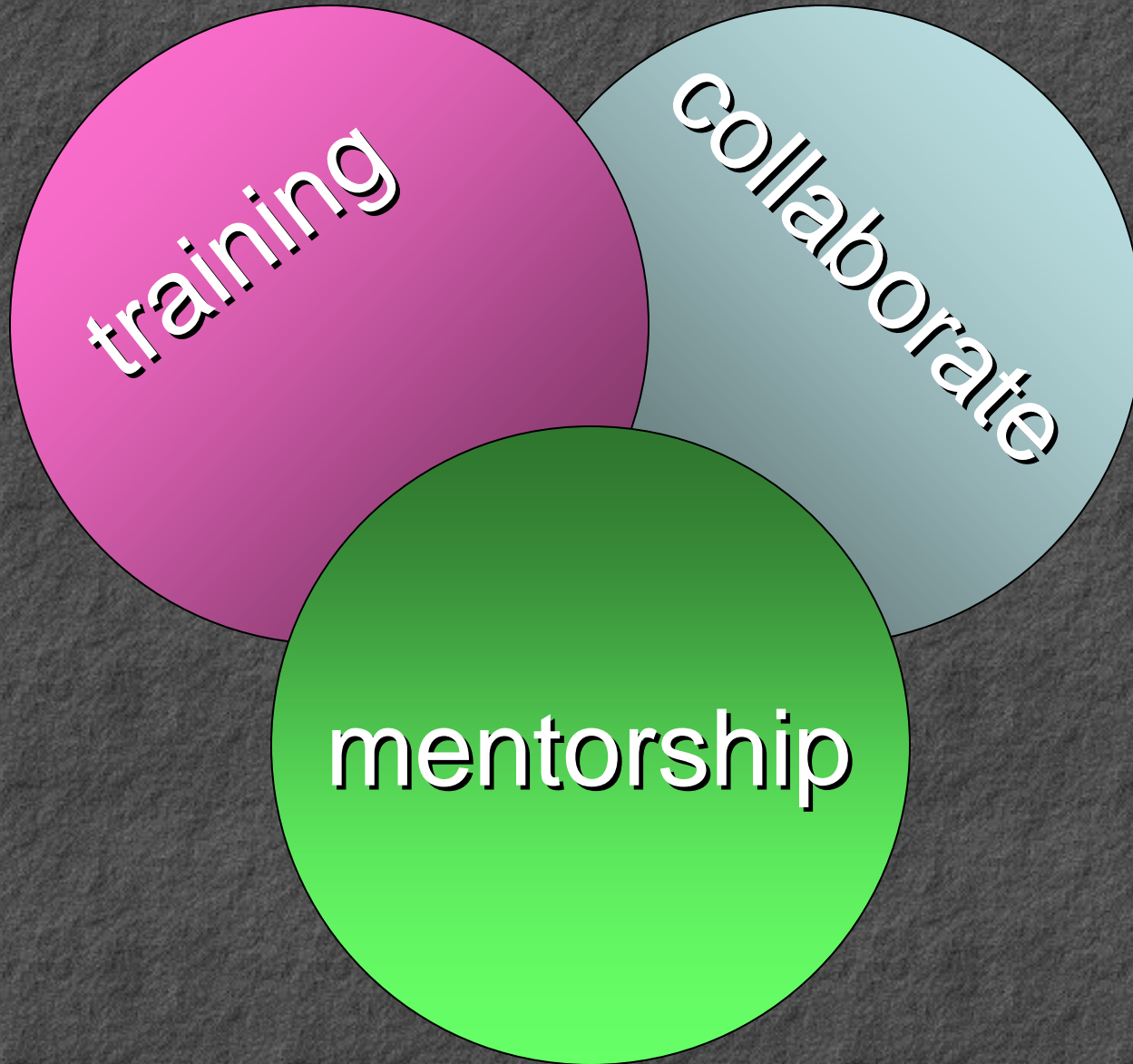
Conduct research in areas closely tied to LCLUC program and broader Earth System Science goals and objectives

Why the emphasis is on ECS?

ECS are an essential part of LCLUC

- students and postdocs conduct majority of the research
- ECS strengthen the program through NASA educational programs such as
 - NIP, NESSF, NASA/GLOBE
- today's ECS are future scholars to answer global environmental change research questions

goals



Training

- Traditionally, universities provide training
- But institutions have strengths in certain fields
- Enhance ECS training through
 - Workshops
 - Summer schools
 - Field schools
- Engage ECS from developing countries

Interdisciplinary collaboration

- Future LCLUC research will be increasingly interdisciplinary
- Physical scientists to become familiar with social science questions while
- Social scientists to be involved in developing physical science research tools
- One mission of ECS initiative is to foster this communication across disciplines

Mentorship

- Traditional advisor-student relationship
- Mentoring between ECS?
- Mentoring across disciplines?
- ECS Initiative can provide the environment in which this is possible
- Especially important is mentorship opportunities for ECS from the developing world

International

- Our research lends itself nicely to international collaborations
- Place-based research
- Global change occurs locally
- Enormous local knowledge exists
- But how do we tap into this knowledge?
- Workshops and summer schools help engage ECS and foster long-term relationships

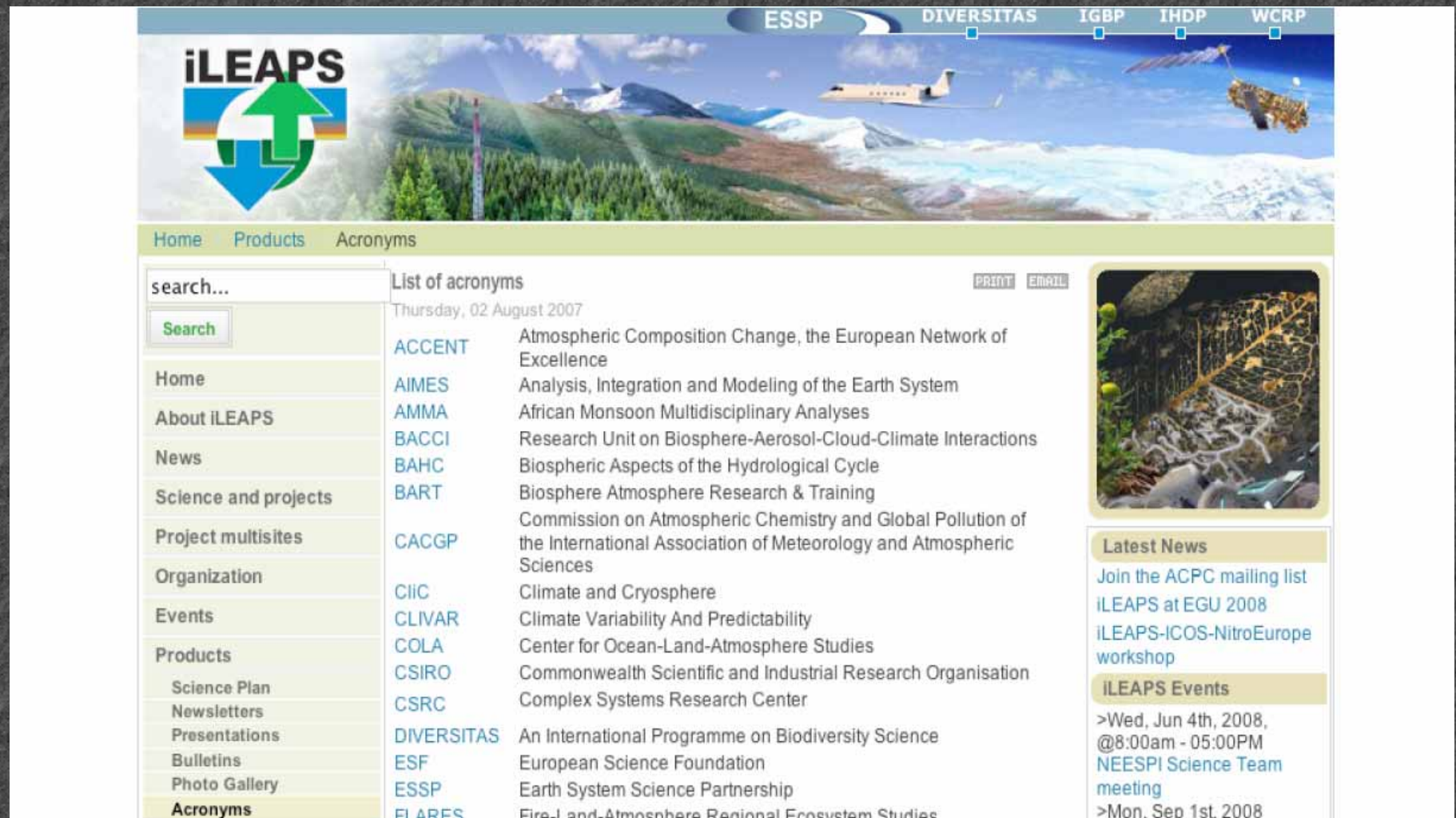
The role of NEESPI

- International, large-scale, interdisciplinary program
- > 400 scientist (800 ECS) from more than 20 countries - collaboration
- Provides interdisciplinary training opportunities
- Multi-institution partnership - mentoring opportunities
- Funds summer schools, workshops

The role of iLEAPS

- Focused on land-atmosphere interactions - inherently interdisciplinary
- iLEAPS encourages international collaboration, particularly involving scientists from the developing countries
- Provides a connection to the larger organizational structure - IGBP
- Organizes and provides funding for training workshops, summer schools

iLEAPS as a detexifier



The image shows a screenshot of the iLEAPS website. At the top, there is a navigation bar with links for ESSP, DIVERSITAS, IGBP, IHDP, and WCRP. Below this is a banner image featuring a landscape with mountains, a satellite in orbit, and a research aircraft. The iLEAPS logo is on the left side of the banner. Below the banner is a navigation menu with links for Home, Products, and Acronyms. The main content area is divided into a search box on the left and a list of acronyms on the right. The search box contains a search bar and a search button. The list of acronyms includes ACCENT, AIMES, AMMA, BACCI, BAHC, BART, CACGP, CIIC, CLIVAR, COLA, CSIRO, CSRC, DIVERSITAS, ESF, ESSP, and FLARES, each with a brief description. On the right side of the main content area, there is a 'Latest News' section with a small image of a forest and a list of news items, including 'Join the ACPC mailing list iLEAPS at EGU 2008' and 'iLEAPS-ICOS-NitroEurope workshop'. Below the news section is an 'iLEAPS Events' section with a list of events, including '>Wed, Jun 4th, 2008, @8:00am - 05:00PM NEESPI Science Team meeting' and '>Mon, Sep 1st, 2008'.

Home Products Acronyms

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List of acronyms
Thursday, 02 August 2007

ACCENT	Atmospheric Composition Change, the European Network of Excellence
AIMES	Analysis, Integration and Modeling of the Earth System
AMMA	African Monsoon Multidisciplinary Analyses
BACCI	Research Unit on Biosphere-Aerosol-Cloud-Climate Interactions
BAHC	Biospheric Aspects of the Hydrological Cycle
BART	Biosphere Atmosphere Research & Training
CACGP	Commission on Atmospheric Chemistry and Global Pollution of the International Association of Meteorology and Atmospheric Sciences
CIIC	Climate and Cryosphere
CLIVAR	Climate Variability And Predictability
COLA	Center for Ocean-Land-Atmosphere Studies
CSIRO	Commonwealth Scientific and Industrial Research Organisation
CSRC	Complex Systems Research Center
DIVERSITAS	An International Programme on Biodiversity Science
ESF	European Science Foundation
ESSP	Earth System Science Partnership
FLARES	Fire-Land-Atmosphere Regional Ecosystem Studies

PRINT EMAIL

Latest News
Join the ACPC mailing list
iLEAPS at EGU 2008
iLEAPS-ICOS-NitroEurope workshop

iLEAPS Events
>Wed, Jun 4th, 2008,
@8:00am - 05:00PM
NEESPI Science Team meeting
>Mon, Sep 1st, 2008

This meeting

- ENVIROMIS
- CITES
- Marie Curie Training Program
- DRAGON-1 meeting
- NEESPI RHP milestone

What is next?

- Organize
 - Web site is coming
- Identify
 - Training opportunities
 - Funding opportunities
 - Mentorship opportunities
- Participate
 - A volunteer-based initiative
 - Ownership by ECS
- Funding
 - Seek funding for workshops, summer schools

Upcoming opportunities

- 5-6 June 2008 - 1st Workshop on Earth Observation: From Research to Teaching in Schools and Universities, Istanbul, Turkey. Contact Mario Hernandez <http://las.physik.uni-oldenburg.de/SIG-ET/1st-workshop/>
- 23-26 August 2008 - NEESPI Regional Science Team Meeting - non-boreal areas, Odessa, Ukraine
- 1 September 2008, Marie Curie iLEAPS conference, La Badine, France
- 16-18 September 2008 - The IUFRO Landscape Ecology Conference: Chengdu, China
<http://research.eeescience.utoledo.edu/lees/IUFRO/2008MTG/>
- 15-19 October 2008 - 7th IHDP Open Meeting 2008, New Delhi, India
<http://www.openmeeting2008.org>
- 24 August 2009 - iLEAPS Science conference - Melbourne, Australia

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