



GLOBE 2007-2008

Inspiring the Next Generation
of Earth System Scientists

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Overview

- Introductions
- GLOBE 2007
 - Accomplishments, Challenges, Opportunities
- GLOBE 2008
 - GLE, Student research, GLOBE events
- Inspiring the Next Generation of Earth System Scientists



GLOBE Program Office Staff Introductions

- Arrivals since August 2007
 - **Dr. Emmett Wright**... Deputy Director for Educ/Sci
 - **Jamie Larsen**... GPO lead to the FLEXE ESSP
 - **Martos Hoffman**... Curriculum and materials developer
 - **David Smith**... GPO lead to the Watersheds ESSP
 - **Mark Salee**.. Systems Administrator
 - **Dr. Russane Low**... Desk officer--- Africa & Near East
 - **Rebecca Rowe**... Desk officer --- Europe
 - **Silvia Agnona**... Administrative Assistant



Activities and Progress

- GLOBE 2003-2007 Performance Report
- ESSP Activities
- Regionalization
- New GLOBE Web Site
- GLOBE Networks
- Long-Term Program Sustainability
- 2008 GLE
- Student Research Portal
- Other Items



The GLOBE Program: 2003-2007 Performance Report

- Summarizes program successes, challenges, and changes over the past four years
- Submitted to NASA on 9 July 2007
- External NASA Review of UCAR management of GLOBE (July through Dec. 2007)



Next Generation GLOBE Recommendations

- Put Education First
- Focus Resources
- Integrate Evaluation
- Become More International
- Emphasize Local and Regional Relevance
- Become a Leader
- Diversify Funding and Leverage Partnerships
- Create More Opportunities for Collaboration
- Increase Effectiveness of Technology Spending



GPO Work is Focused on.....

- Enabling successful student research on the environment
- Enhancing education and outreach activities of sponsor-supported Earth system science projects
- Facilitating program implementation by Partners, teachers, students, scientists, and collaborating organizations
- Promoting the development of a self-sustaining GLOBE regions and programs
- Providing effective management of GLOBE's technical and administrative infrastructure



ESSP Activities

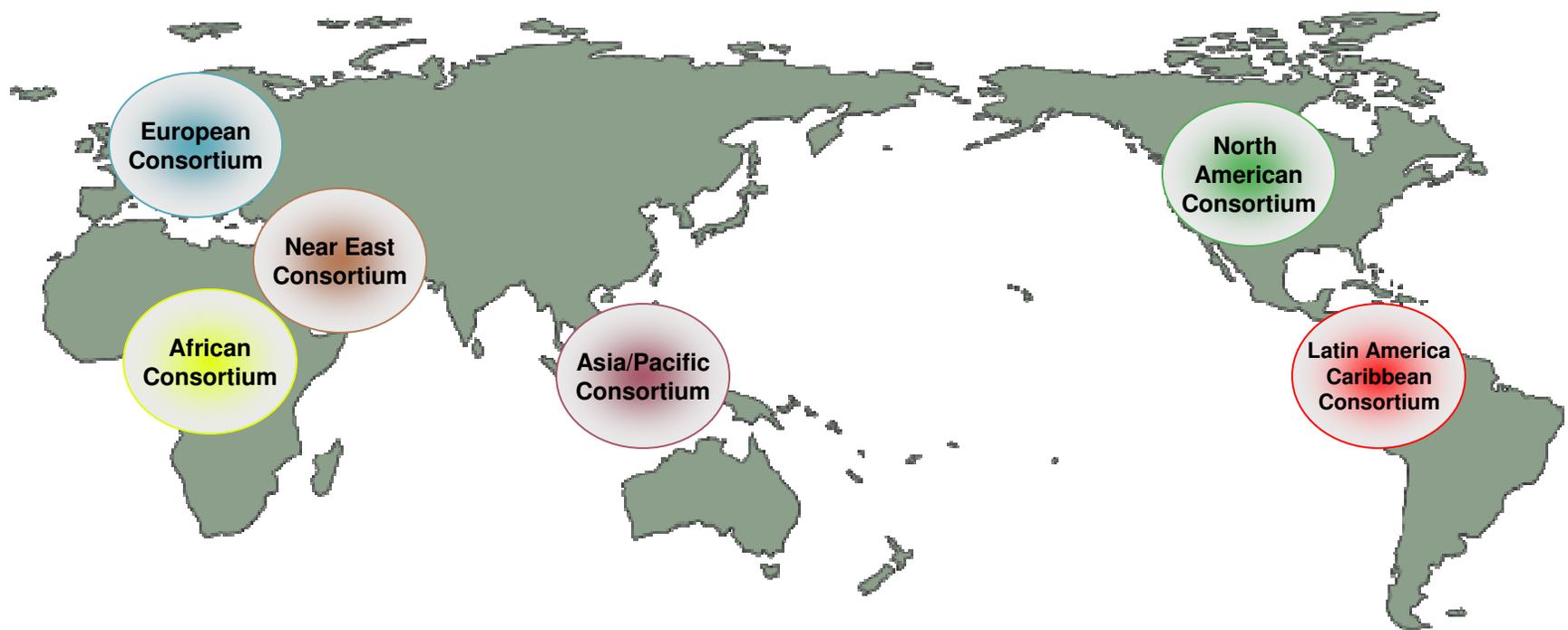
- **Seasons and Biomes**
 - IPY Pole to Pole Video conference
 - 2007 workshops.. Alaska, South Africa, Gallaudet Univ., Russia
 - New Protocols: Ice phenology and frost tube
- **FLEXE**
 - Learning activity development and field testing
 - Student Peer Review
- **Watershed Dynamics**
 - Learning activity development and use of hydrologic data
 - August 2007 workshop and field testing
- **Carbon Cycle**
 - Teacher Think Tanks
 - Learning and modeling activity development



IPY Pole to Pole Video Conference---Students in Argentina



GLOBE Regionalization





Consortium Building

- Africa... April 2007 meeting—17 countries
- Asia-Pacific... May 2007 meeting---12 countries
- Europe... March 2007 meeting---19 countries
- Latin America-Caribbean... Feb 2007 meeting---15 countries
- Near East... Fall 2007 meeting/workshop
- North America.... March 2007 meeting at NSTA... 40 Partners



New GLOBE Web Site

- www.globe.gov

The screenshot shows the homepage of the GLOBE Program website. At the top, there is a navigation bar with language options: English, Español, Français, Пуслові, اللغة العربية, Deutsch, Nederlands. Below this is the 'The GLOBE Program' logo and a 'Log In' link. A main navigation menu includes 'Home', 'Projects', 'For Students', 'For Teachers', 'For Scientists', and 'For Partners'. The main content area features a large image of people working outdoors. Below the image, there are several sections: 'Explore our pages for students!', 'Investigate the Earth System through our projects.', 'Contribute your research project!', '2007 GLOBE Annual Conference', and '2008 GLOBE Learning Expedition'. To the right, there is a 'News' section with headlines like 'Welcome to the New Version of the GLOBE Web Site', 'Latin America and the Caribbean Regional Meeting and Training Workshop', 'Students in France and U.S. Apply Knowledge of Space Science', and 'GLOBE Maldives Celebrates Launch of their GLOBE Program'. At the bottom, there is a footer with logos for UCAR, Colorado State, NASA, NSF, and the U.S. Department of State, along with a search bar and links for Site Map, FAQs, Policies, and Help.



GLOBE Networks

GLCS
GLOBE Learning Communities

GSN
GLOBE Schools Network

The image shows two banners for GLOBE Networks. The top banner features the acronym 'GLCS' in large, stylized letters, with 'GLOBE Learning Communities' written below it. To the right of the text is a photograph of three children looking at a book. The bottom banner features the acronym 'GSN' in large, stylized letters, with 'GLOBE Schools Network' written below it. To the right of the text is a photograph of a group of children sitting around a table, engaged in an activity. Both banners have a light green background with a faint world map.



Working Toward Long-term Program Sustainability

- The GLOBE Education and Science Foundation
 - Initial Analysis
 - 3-year Business Plan
- Strategic Focus:
 - High Priority Community-based projects
 - Student Research campaigns/competitions



2008 GLOBE Learning Expedition

- New Site (University of Cape Town)
- New Dates (23-28 June 2008)
- Same themes



GLOBE Student Research Portal

- Earth system science teaching and learning resources
 - Tutorials, modules, digital library resources, professional development opportunities, assessments
- Data tools and services
 - GIS, Mapping, Graphing, Modeling, Remote sensing
- Online collaboration tools and services
 - School-school and Scientist-Teacher-Student
- GLOBE Student Research Projects---online library/archive
- Student Research---campaigns and events

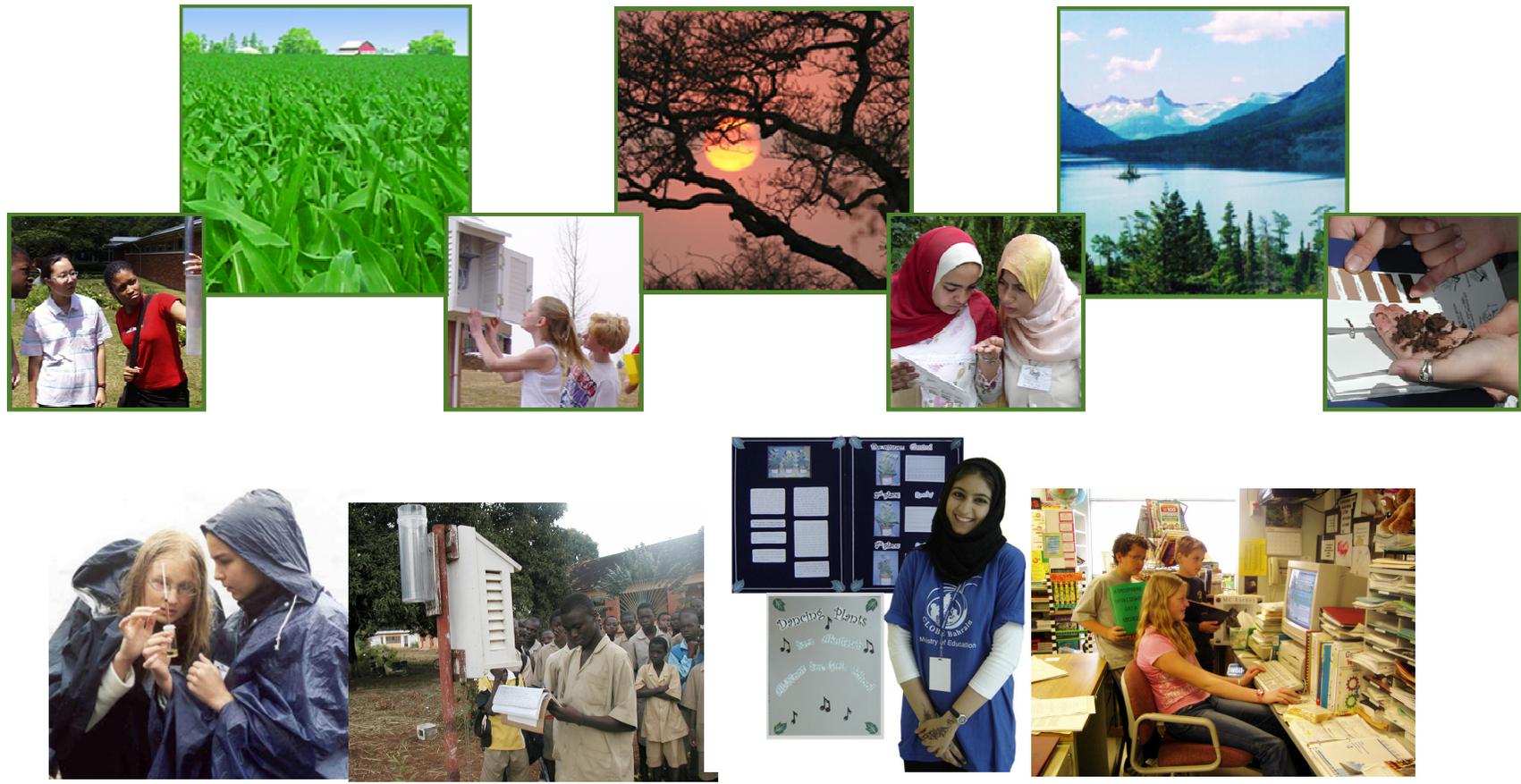


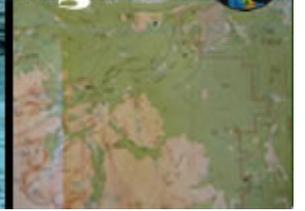
Other Items

- GLOBE at Night---March 2008
- Elementary GLOBE Books



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Questions and Discussion