

Joint NASA LCLUC Science Team Meeting and
GOFC-GOLD/NERIN, NEESPI, MAIRS Workshop

Monitoring land cover, land use and fire in agricultural and semi-arid regions of Northern Eurasia

September 15-19, 2009 (Training Sessions September 20-21)

National Center of Space Research and Technologies
National Space Agency

Almaty, KAZAKHSTAN

Canada 



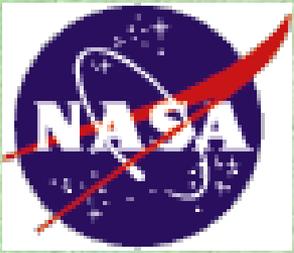
GTOSS 

Meeting Objectives

Olga N. Krankina
Oregon State University, USA

Objectives

- Review recent research accomplishments and set the stage for formulating future research needs
 - temperate and arid regions of Northern Eurasia
 - agriculture, land cover, land-use, water resources and fire
- Explore ideas for coordination and collaboration among research teams and projects
 - Collaborative proposals
 - Synthesis papers
 - Future workshops, etc.
- Identify opportunities and plan activities to promote collaboration within the region and with scientists from outside the region



Land-Cover/Land-Use Change Program



- LCLUC is an interdisciplinary scientific theme within NASA's Earth Science program
- Garik Gutman, Program Manager
- Chris Justice, Program Scientist
- <http://lcluc.hq.nasa.gov/>



Monsoon Asia Integrated Regional Study (MAIRS)

- New international research organization with focus on understanding the impact of human activities on Asia monsoon and the impact of the changed monsoon climate on social and economic development of Asia
- Dr. Ailikun, Director of MAIRS International Project Office

GOFC-GOLD



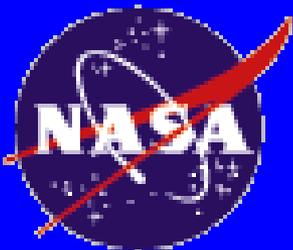
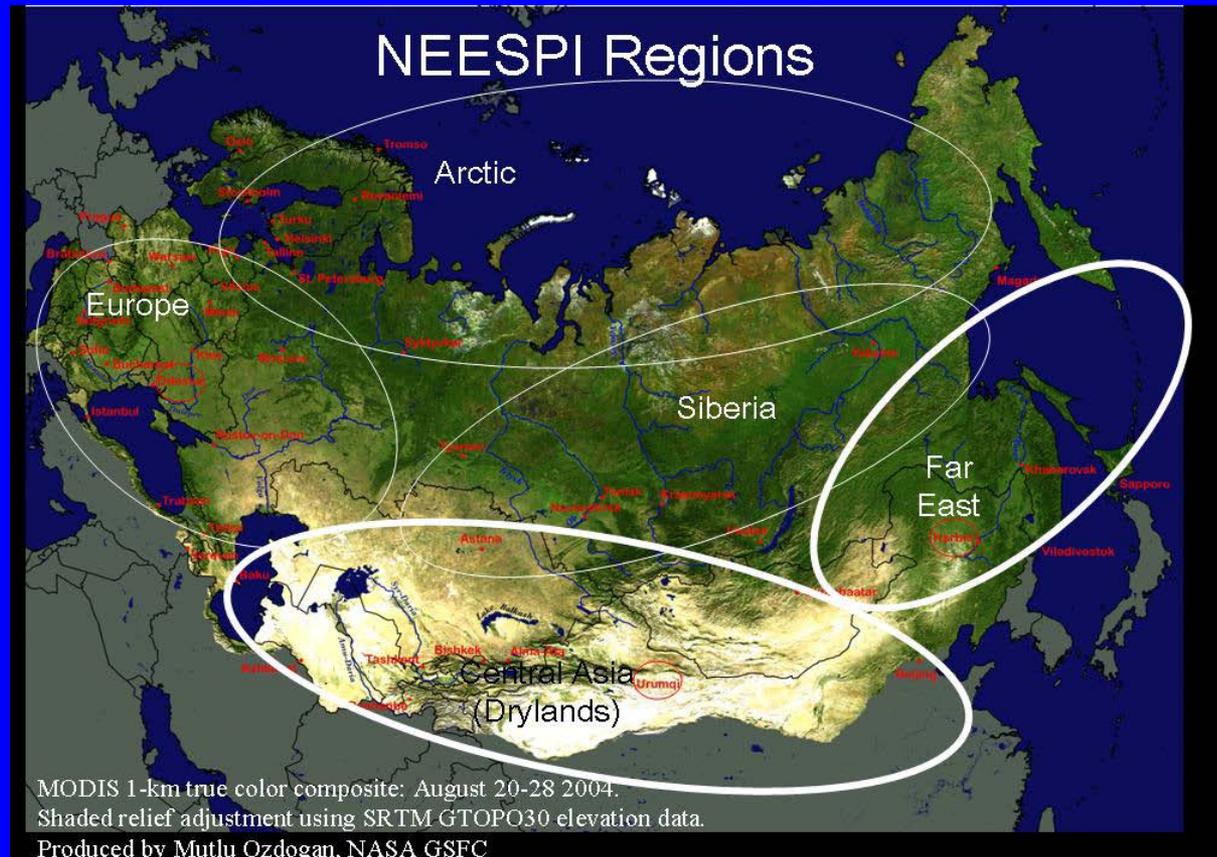
Global Observation of Forest and Land Cover Dynamics

- Coordinated program of space-based and on-the-ground observations of forest and land cover for global monitoring of terrestrial resources and the study of global change
 - GOFC-GOLD это координированная программа космических и наземных наблюдений за лесным и прочим растительным покровом с целью мониторинга наземных ресурсов и исследования глобальных изменений
- Two implementation teams
 - Land Cover Characteristics and Change
 - Fire Monitoring and Mapping
- Regional networks
 - Northern Eurasia Regional Information Network (NERIN) is one of 7 GOFC-GOLD regional networks
 - Olga N. Krankina, Regional Network Coordinator



Northern Eurasia Earth Science Partnership Initiative (NEESPI)

- International, multi-agency program for Earth science research in northern Eurasia focused on ecosystem-climate interactions
- Project Scientist Pasha Groisman



Programs within the region

- Regional Ecological Center for Central Asia – Talaibek Makeev
- Science Keynote Address – Zairulla Dyusenbekov
- National Overviews on Land cover / land use, Fire and Agriculture

Agenda

- Thematic sessions
 - Agricultural Land Use - Chair Chris Justice
 - Land Cover Monitoring and Validation -Chair Jiaguo Qi
 - Fire Monitoring and Fire Science in Dryland Ecosystems of Northern Eurasia – Chair Tatiana Loboda
 - Water Resources and Monitoring - Chairs - Alex Shiklomanov and Jiaguo Qi
- Discussion sessions within each thematic session
- Expert panel and general discussion of regional research priorities
- Training sessions
- Summaries of discussion will form the basis of workshop report with recommendations to programs and agencies

Organizational Details

- Speakers -- please stay on time
- Questions and discussions – active participation strongly encouraged !
- Cell phones
- Translation

Ad Rem

Let's get to work!

За работу, товарищи!