



## **FOCUS OF THE SCIENCE TEAM MEETING:** Research Results and Program Directions

- Day 1 – Program Overviews and Results of the LCLUC Multi-Source Land Imaging (MuSLI) Projects (9am EST – 1.30pm). Moderator: Chris Justice
- Day 2 - Presentations from Space Agencies in South/Southeast Asia and Results from the LCLUC South/Southeast Asia Research Initiative (SARI) projects with (9am EST – 1.15pm). Moderator: Krishna Vadrevu
- Day 3 - Introductions from the 2019 LCLUC selections, Panel discussion towards a SARI Synthesis activity and LCLUC program future directions (9am -12.45). Moderator: Garik Gutman

# MEETING LOGISTICS:

- **Attendees** will stay muted with video off until host prompts you to do otherwise.
- **Speakers and panelists** are requested to keep their videos ON during all sessions, especially the session they are presenting in.
  - Presenter/Panelist videos will be spotlighted for all viewers.
  - You will be unmuted by the host for your presentation.
  - Please leave 5-minutes for Q&A from your allotted time
    - Eg: If allotted time = 15 min → Presentation(10min) + Q&A (5min)
  - Presentation time: An alarm will be played at a 2-minute warning and time up.
  - Q&A time: An alarm will be played at the time up.
- **All participants please set your Zoom video settings to “Speaker View”** for best experience.
- Ensure your full name is displayed so that we may verify your attendance.
- **Send your questions in the chat box to the session moderator if you have questions for the presenter/panelist. The moderator will read your question on your behalf.**
  - **Send logistical questions or issues to Meghavi in the chatbox or email ([lcluc-support@umd.edu](mailto:lcluc-support@umd.edu))**
  - Sending chat messages to the full group has been disabled.
- **Group photo:** Day 1 at 10:50am EST
  - During the group photo, you will be verbally prompted to turn your video on.
  - We will count down so that you know when the photo is being taken.
- This meeting will be recorded for the **sole use** of generating a follow-up meeting report. This recording **will not** be shared.



In Memoriam

*Tony Janetos*

(1954-2019)

In Memoriam : Tony Janetos , The First LCLUC Program Manager

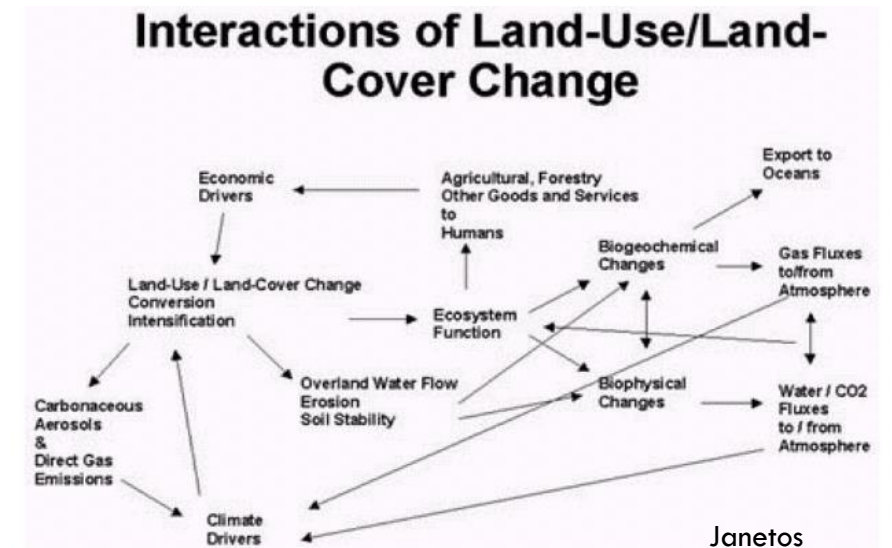
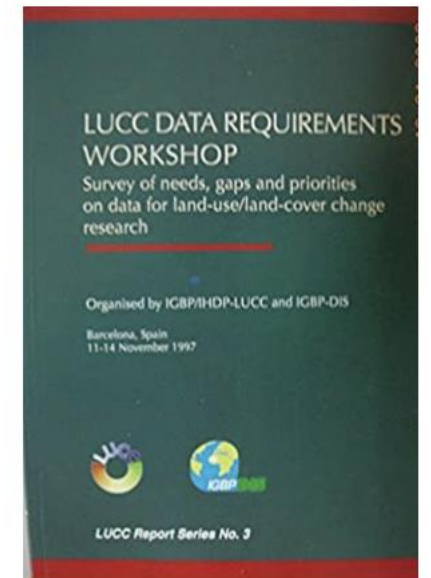
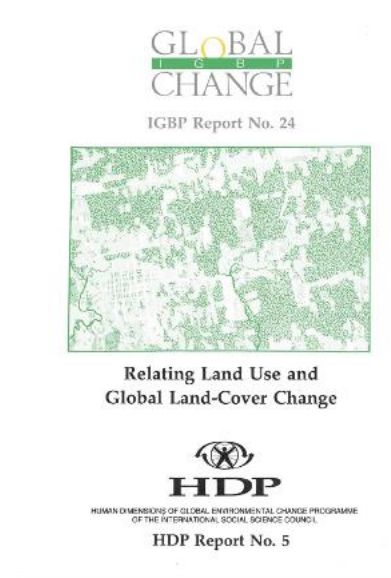
- Tony received his PhD in Biology (1980) from Princeton
- Before joining NASA he worked for EPA and managed their Global Change Research Program.
- **1990 he joined NASA initially supporting Diane Wickland as Manager of the Terrestrial Ecology Program. MTPE initiated in 1989 an exciting time at NASA.**
  - NASA representative to USGCRP
  - Co-author of the 1992 IPCC Science Assessment
- **1993 he was Chief of the Ecology and Atmospheric Chemistry Branch**
  - Program Scientist for Landsat and the EOS AM-1 (Terra) Platform
  - Represented NASA on WG's of the Committee on Environment and Natural Resources (CENR)
  - Co-author the chapter on the carbon cycle for 1994 IPCC Scientific Assessment
  - Member of the management team for the UNEP Global Biodiversity Assessment
- **1994 he was Chief, Earth System Models and Ecological Processes Branch**
  - 1996 and 1997 Directors Award, Science Division Mission to Planet Earth



## The Background for LCLUC

In the early 1990's the International Geosphere Biosphere Program (IGBP) was the center of gravity for Earth Science. Tony was closely connected with the IGBP Core Project Principals for Terrestrial Ecology, Global Modeling, IGBP-DIS and the newly formed Land Use Cover Change (LUCC started 1994) - the first joint Core Project with the International Human Dimensions Program (chaired by Dave Skole).

- New satellite data sets were becoming available – Landsat Amazon deforestation, Global 1km AVHRR Land Cover and Global Active Fire
- Tony persuaded Bob Harris (Head of NASA Earth Sciences Division) to form a new NASA program on LCLUC – combining biophysical and social science.
- **Tony became LCLUC Program Manager in 1995**, inviting Chris Justice to be Project Scientist to support the program. First PI Selection and Science Team meeting at Airlie House Va. (1996)
  - Lead role in the initial development of the international GOCF-GOLD program, became GOCF Chair in 2007.



# *Land-Cover and Land-Use Change: New Policy Dimensions*

## Selected Major Issues

- Food Production and Distribution
- Carbon Sources and Land-Use
- Carbon Sinks and Land-Use
- Management of Ecosystems for Goods & Services
- Preservation of Unique Places

- **1999-2002: Senior Vice President and Chief of Program, World Resources Institute.**
  - Co-chair US National Assessment Synthesis Team
  - Lead author of IPCC Special Report on Land-Use Change and Forestry (Methods)
- **2003-2006: Vice President, H. John Heinz III Center for Science, Economics, and the Environment.**
  - Fellow of the National Academy of Sciences
  - Lead Author in the Ecosystems Trends and Conditions component of the Millennium Ecosystem Assessment
- **2006-2013: Director, Joint Global Change Research Institute (PNNL/UMD).**
  - Lead Author in IPCC Working Group II
  - 2007 AAAS Fellow
  - Key role in 2009 US Climate Global Change Climate Impacts report with Tom Karl and Jerry Melillo
- **2013-Present: The Frederick S. Pardee Professor and Director, The Frederick S. Pardee Center for the Study of the Longer-Range Future, Boston University.**
  - An interdisciplinary, research center focused on the evolution of the human condition over periods of decades to centuries. Sponsoring interdisciplinary graduate student research fellowships, developing issue briefs and white papers and conference volumes.
  - Committee Member NASA 2017 Decadal Survey





Tony w. Bob Watson



Tony w. Diana Liverman

Pardee Center Photos Courtesy of Valerie Gamache and John Prandato



Tony w. Tom Lovejoy



Tony w. Laurence Tubiana



## Personal Perspective

- Tony was a good colleague and a pleasure to be around
- He was open-minded, clear thinking and a quick study.
- He was direct and went straight to the key points in any presentation or discussion
- He had a good grounding in ecology with a vision for Earth Science, Climate Change and Sustainability
- Tony was comfortable in academia and loved working with students
- Tony was above all a family man – when we met he would always ask after my family
- Many of us were shocked by his death and all that knew him miss Tony as a colleague



AS WE REMEMBER TONY, OUR THOUGHTS GO OUT TO HIS FAMILY – WHO I KNOW ARE ALSO MISSING HIM.



Peter, Valerie, Anna and Tony Janetos



# ANTHONY JANETOS CLIMATE ACTION PRIZE

To both honor and keep Tony's legacy, Boston University has established a student award called the Anthony Janetos Climate Action Prize. It will be given annually each spring to the student(s) involved in a project through BU's Campus Climate Lab that is judged to have the biggest impact toward achieving the goals of BU's Climate Action Plan and generally make the university's operations more sustainable."

Tony led the development and early implementation of the university-wide Climate Action Plan and this seems like a very fitting way to memorialize him and that important effort.

Donations can be made at

<https://trusted.bu.edu/s/1759/2bu/giving/interior.aspx?sid=1759&gid=2&pgid=412&cid=1044&dids=1080&bledit=1&appealcode=WEBAGC>