

Programme for EarthTemp Network Workshop in Karlsruhe, June 2014

Monday 23rd June

- 8:00 Registration
- 9:00 Welcome, logistics, introduction to workshop
- 9:15 The EarthTemp Network
- 9:30 Visiting Scientist Scheme
- 9:40 Report on EarthTemp Arctic Surface Temperature Workshop 2013
- 9:50 Key points: EarthTemp White Paper on surface temperature
- 10:00 Making Connections
- 10:30 Coffee and vote for breakout topics
- Session 1: Observing land temperatures in Africa**
- 11:00 *Keynote 1: Satellite Land Surface Temperatures*
Presentations by: Glynn Hulley [given by Darren Ghent] and Isobel Trigo
- 11:25 Panel discussion
- 11:40 *Keynote 2: Measuring and Interpreting Land Surface Air Temperatures*
Presentations by: Albert Mhanda [given by Peter Thorne] and Peter Thorne
- 12:05 Panel discussion
- 12:20 Plenary discussion
- 12:40 Lunch
- Session 2: African climate**
- 13:45 *Keynote 3: African climate and ST*
Presentations by: Daíthí Stone and Arame Tall
- 14:30 Panel discussion
- 14:45 Poster summaries
- 15:30 Coffee
- 15:45 Poster Session and sign up for breakout topics
- 17:30 Close

Tuesday 24th June

Session 3: African studies of surface temperature

- 9:00 *Keynote 4: Progress and challenges in African Surface Temperature Science*
Presentation by: Folke-Soeren Olesen
- 9:30 Panel Discussion
- 10:00 Breakout Session I¹
- 11:00 Coffee

Session 4: Surface temperatures at interfaces

- 11:15 *Keynote 5: Coastal Waters*
Presentation by: Marjolaine Krug
- 11:40 Questions
- 11:55 *Keynote 6: Lake Water Surface Temperatures*
Presentation by: Fred Semazzi
- 12:20 Questions
- 12:35 Panel Discussion
- 12:45 Lunch
- 13:45 Breakout Session II¹
- 15:00 Coffee and Collaboration incubator I²
- 16:00 KIT visit

Wednesday 25th June

- 9:00 **Surface Temperature Science Talks**
- Southern Annular Mode and Diurnal Temperature Range Shifts over Southern Africa.*
Desmond Manatsa, Geography Department, Bindura University of Science
- Surface temperature extremes over Zimbabwe*
Raymond Mugandani
- Discussion
- 10:00 Collaboration Incubator II² 2 by 30 minutes
- 11:00 Coffee
- 11:30 Interactive Breakout Feedback and Collaboration Feedback
- 12:45 Workshop Feedback

- 1 Topics for breakout sessions
 - a. Spatially complete ST for Africa
 - b. Lake water ST and applications/ST challenges in coastal areas

- c. Meeting user ST needs for Africa
 - d. Relating LSAT, LST and reanalyses for Africa
 - e. Reference sites for ST
- 2 The idea for the collaboration incubators is to focus on strengthening research links between researchers in different regions of Africa