



African Insect Science for Food and Health

icipe chresa



## CHIESA PROJECT SEMINAR

### WUNDANYI, LAVENDER GARDEN HOTEL, TAITA HILLS, 7<sup>th</sup> OCTOBER 2015

- 8:30 – 9:00 Registration  
9:00 – 9:15 Welcome and opening remarks, H.E. John Mruttu, Governor of Taita Taveta County  
9:15 – 9:20 Welcome from University of Helsinki, Juha Karhu, Head of Dept. of Geosciences and Geography, University of Helsinki

#### Session 1: Environmental research and adaptation to climate change in the Taita Hills

- 9:20 – 9:40 Environmental research in the Taita Hills, Prof. Petri Pellikka, University of Helsinki  
9:40 – 10:10 Climate Change Adaptation Action Plan for the Taita Hills. Ms. Emmah Owidi, *icipe* / Kenyatta University  
10:10 – 10:30 Coffee / tea break

#### Session 2: The beautiful nature of the Taita Hills

- 10:30 – 10:50 Presentation of a new book: *Natural History of Wild Fruits of the Taita Hills*. Ms. Sarah Ndonge, *icipe*  
10:50 – 11:10 The Botanical Garden of Taita Research Station. Prof. Jouko Rikkinen, University of Helsinki  
11:10 – 11:30 Geology of the Taita Hills. Prof. Juha Karhu, University of Helsinki  
11:30 – 11:50 Research Station in Taita – the movie.  
11:50 – 13:00 Group photo and Lunch break

#### Session 3: Application of Geoinformatics and environmental modeling in the Taita Hills.

- 13:00 – 13:20 Sharing of CHIESA datasets and results. Pekka Hurskainen, University of Helsinki  
13:20 – 13:40 Map-making for the Taita Hills. Mårten Boström, University of Helsinki  
13:40 – 14:00 Impact of land change on aboveground carbon stocks in the Taita Hills. Pekka Hurskainen, University of Helsinki  
14:00 – 14:20 Mapping land cover in the Taita Hills using airborne laser scanning and imaging spectroscopy data fusion, Rami Piironen, University of Helsinki  
14:20 – 14:40 Land suitability assessment for effective crop production in Taita Hills. Mark Boitt, Jomo Kenyatta University of Agriculture and Technology  
14:40 – 15:00 Coffee / tea break

#### Session 4: Participatory Geoinformation Systems (PGIS).

- 15:00 – 15:30 Integrating Participatory research and Geoinformatics to develop new visions and pathways for the future of the Taita Hills. Claudia Capitani, University of York  
15:30 – 15:50 Application of Participatory Geoinformation Systems (PGIS) and Social perspectives for managing water resources in the Taita Hills. Ms. Emmah Owidi, *icipe* / Kenyatta University  
15:50 – 16:10 Water resources in Taita Taveta County – general discussion.  
16:10 – 16:40 Questionnaire: Feedback for the new visions and pathways for the future of the Taita Hills.  
16:40 – 17:00 Closing of the program and final remarks.



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