

INSTRUCTORS

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REQUIREMENTS AND APPLICATIONS

Participants from preferentially, but not exclusively East African countries and Germany will be selected by the PI's of this program. Admission to the summer school requires a BSc, MSc or Diploma degree (or equivalent) and subscription to a MSc, Diploma or PhD program at an internationally recognised university. Applicants are required to send a cover letter stating the modules M1 to M4 they wish to attend, one page motivation of participation letter, a letter of recommendation from their advisors and bachelor's or master's degree transcripts. Please send your full application in a single PDF file via email to the following two addresses before June 1st, 2010:

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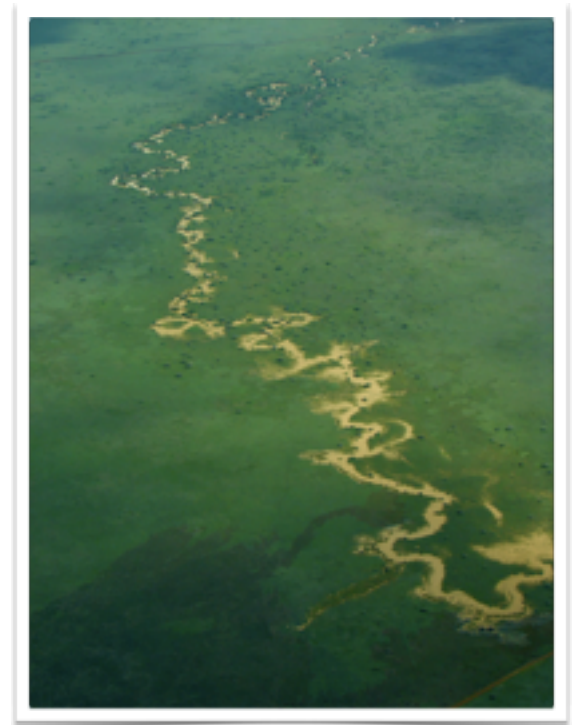
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Summer School on

Tectonics, Climate and Evolution in East Africa

Sep 19 – Oct 10, 2010
Sep – Oct 2011

University of Nairobi
University of Potsdam
University of Frankfurt
Senckenberg Institute





Summer School on

Tectonics, Climate and Evolution in East Africa

2010, 2011

We announce two consecutive summer schools in the field of geo-biosciences in East Africa, including the disciplines of paleoclimatology, paleontology, paleoanthropology, evolutionary biology, structural geology and geophysics.

The summer schools focus on the relationships between the development of extreme relief in the East African Rift system, superposed past climate changes and their influence on mammalian and hominin evolution.

The transdisciplinary summer schools for students from the fields of geosciences and biosciences aim at intense training of the



participants at the MSc, PhD and postdoctoral level to foster a better understanding of climate-biosphere interactions in a complex tectonic-topographic setting such as the Kenya and Tanzanian rift valley.

This effort rests on team teaching and joint learning and will generate important synergies between researchers and graduate students.

The acquired knowledge and understanding will help students define premier research topics to study past geo-biosphere interactions, and it will ultimately provide the next generation of researchers and practitioners with the necessary background and scientific tools to evaluate and mitigate the effects of present-day and future environmental changes in the course of global change. For more details see attached course outline.

The summer schools will last a total of three weeks, and will comprise eight modules (M1 to M8) as detailed below. Applications for the 2010 summer school (modules M1-M4) is now open and a separate application will be requested for modules M5-M8 in 2011.



2010

M1 – Shortcourse Evolutionary Biology, Kenya
Sep 19–25, 2010 (Tiedemann)

M2 – Excursion Climate, Environments and Evolution
Sep 26–Oct 2, 2010 (Trauth, Tiedemann)

M3 – Practical on Paleoanthropology/ecology, Tanzania
Oct 3–10, 2010 (Schrenk, Hertler)

M4 – Lectures on current research in biosciences
Sept 19–Oct 10, 2010 (all instructors)

2011

M5 – Excursion on Tectonics and Climate, Kenya
Sep/Oct 2011* (Trauth, Strecker)

M6 – Fieldcourse on Active Tectonics in the Kenya Rift
Sep/Oct 2011* (Strecker, Scherbaum)

M7 – Shortcourse Statistical and Numerical Methods
Sep/Oct 2011* (Trauth, Olaka)

M8 – Lectures on current research in geosciences
Sep/Oct 2011* (all instructors)

*exact dates will be announced in spring 2011.