Tuesday 22 November 2022

8:30-9:00 Welcoming of participants
9:00-9:30 Introduction

09:30-12:30 Understanding the rift and anticipating its future: contribution of modelling
Salle Coligny
VISIOCONF - Register in advance for this meeting: https://umontpellier-fr.zoom.us/meeting/register/tJAufuyppj8qHdR0sRzQ9OgXePr5fH9iX6mG

9:30 Atmospheric Drivers of Rainfall Events in the Republic of Djibouti
Moussa Mohamed Waberi, Pierre Camberlin, Benjamin Pohl, Omar Assowe

10:10 Insights on sedimentation in lake Turkana from numerical modelling: revealing the trajectory of sediments from deltaic river mouths to the deep basin
Florin Zainescu, Mathieu Schuster, Helena van der Vegt, Joep Storms, Alexis Nutz

10:50-11:15 Coffee Break

11:15 Risk assessment and recovery trajectories of a social-ecological system after a volcanic eruption
Cedric Gaucherel, Olivia Bernardoff, Christelle Hely, Christel Tiberi, Fleurice Parat, Stéphanie Gautier, Anna Treydte, Giorgio Colombo, Sylvia Ceppi, Franck Pommereau

11:40 General discussion about what modelling can bring to multidisciplinary studies in the RIFT

12:30-14:00 Lunch

14:00-16:00 Energy versus Resources
Salle Coligny

14:00 Introduction B. Hazard & Yves Geraud

14:05 Greening the Maasai: The Deterritorialization of Local Pastoral Landscape in the Greater Olkaria Geothermal area, Kenya
Ch. Adongo & B. Hazard (sciencesconf.org:gdrrift2022:430363)

14:20 Community Engagement in energy projects in Kenya; The experience of KENGEN OLKARIA geothermal stakeholder coordination committees (SCC)
L. Reson (sciencesconf.org:gdrrift2022:427616)

14:35 Renewable Energy Projects and Indigenous Peoples in Rift Valley, Kenya
B. Chaka [et al.] (sciencesconf.org:gdrrift2022:426225)

14:50 Insights into household fuel use in Southern Rift Valley, Kenya,
A. Osano [et al.] (sciencesconf.org:gdrrift2022:426783)

15:05 Land use and land cover change and its implications on Gully erosion in Suswa catchment, Narok County, Kenya

15:20 Le programme « geothermal village » : un accès à l'énergie en dehors des grands réseaux de distribution, exemples en Afrique de l'Est.

15:35 Design, Study, and Manufacture of a Small-Scale Organic Rankine Cycle-Parabolic trough solar system
15:45 General discussion.

14:00-16:00 Project construction
Salle Les Canuts
Register in advance for this meeting: https://umontpellier-fr.zoom.us/meeting/register/tJcsdeCqrzMrElWMZy8K9jG6b_7P2XA-rfn

16:00-17:00 Poster – Coffee break

17:00-19:00 Systems dynamics and their hazards
Salle Coligny
VISIOCONF - Register in advance for this meeting: https://umontpellier-fr.zoom.us/meeting/register/tJcrdemqqzgsG90iy5EBns7TkAKs514NcJNA

17:00 Impacts of geodynamical processes on the socio-ecosystem of North Tanzania
Christel Tiberi, Stéphanie Gautier-Raux, Fleunce Parat, Julie Albaric, Cédric Gaucherel, Christelle Hély, Rey Tony, Stéphanie DEFOSSEZ, Monique Gherardi, Frédéric Leone, Florence Le Hebel, Michael Msabi, Fredrick Mangasini, Gabriel Mulibo, Ronald Massawe

17:15 Southwestern propagation of the East African Rift System: insight from geomorphology of the Makgadikgadi Basin (Botswana).
Louis Gaudaré, Olivier Dauteuil, Marc Jolivet, Mike Murray-Hudson, Kaelo Makati, Samuel Corgne, Dominique Bavay, Visnney Mayombo-Allogo

17:45 The 2017 Moiyabana, Botswana earthquake suggest the EARS extension in southern Africa
Thifhelimbilu Mulabisana, Mustapha Meghraoui

17:30 Probabilistic Seismic Hazard Analysis for Northern Tanzania Divergence Region and the Surrounding Areas
Michael Msabi

18:00 Fluoride Contamination and Distribution in Cultivated and Uncultivated Soils along the Rift Valley Landscape
Erick Edward, Mwema Felix Mwema, Kelvin Mtei

18:15 Short presentation (~2mn) of the posters and general discussion

Estimation of Soil loss Rate Using RUSLE, Remote Sensing and GIS Technics: A Case Study of the Maasai Land Scape in Arusha, Tanzania
Joseph Kalonga, Kelvin Mteei, Anthony Kimaro, Boniface Massawe, Evance Zephrine

NYKISHU: Interactions between the NYiragongo volcano, lake KIvu, its aquatic ecosystem and the HUman system: an integrated knowledge approach
Virginie Pinel, Catherine Meriaux, Jan Beyne, Marcellin Rutegwa

17:00-19:00 Project construction
Salle Les Canuts

19:00-20:00 Dinner

20:00-21:00 Project construction
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Wednesday 23 November 2022

9:00-12:30  **Wet Zones**  
* Salle Coligny

09:00  **Introduction**  
* Doris Barboni, Olga Otero, Benoit Hazard

09:15  **From paleoecology of crocodilians to paleoenvironments in the Shungura Formation (Plio-Pleistocene, Ethiopia), an interdisciplinary ballad using the oxygen stable isotopes.**  
* Axelle Gardin

09:40  **Effects of tectonic activities on the groundwater quality and distribution within the East African Rift System: a case study of Northern Tanzania**  
* Ronald Massawe

10:05  **Reconstructing the Changes in Sedimentation and Source Provenance in East African Hydropower Reservoirs: A Case Study of Nyumba ya Mungu in Tanzania**  
* Aloyce Amasi, Maarten Wynants, Remigius A Kawalla, Shovi Sawe, William H. Blake, Kelvin M. Mtei, Linus Munishi

10:30  **Water places, “Tulla” and “Cinna” of the Chalbi in the understanding of past and present socio-ecological changes.**  
* Benoit Hazard, Emmanuel Ndiema

10:45  **Coffee break**

11:20  **Round-table discussion**

9:00-12:30  **What is heritage?**  
* Salle Les Canuts

Discussion and writing workshop

10:45-11:15  **Coffee Break**

12:30-13:30  **Lunch**

13:30-15:30  **The rift as a factory of diversity**  
* Salle Coligny

13:30  **Neotaphonomic study of carnivore behavior at Tarangire National Park and its implications for the interpretation of the early humans at Olduval Gorge (Tanzania)**  
* Agness Gidna

13:50  **Distribution géographique et diversification des petits mammifères en Afrique subsaharienne : intégration des données fossiles et modernes**  
* Violaine Nicolas-Colin, Josef Bryja, Emmanuelle Stoetzel, Raphaël Cornette, Christiane Denys, Malahat Dianat, Adam Konecny, Jamila Krasova, Pierre Linchamps, Ondrej Mikula, Daniela Mizerovska, Getachew Mutualem, Léa Terray, Inessa Voet

14:10  **Megalithism across regions and religions: From the Central Highlands to the Rift Valley areas of Ethiopia**  
* Alebachew Birru

14:30  **Technological variation, innovation and change from a design theory and functional analysis perspective.**  
* Jérôme Robitaille
13:30-15:30 **Students workshop**  
*Salle Les Canuts*  
VISIOCONF - Register in advance for this meeting: [https://umontpellier-fr.zoom.us/meeting/register/tJcrdu-pqDsoGdW2O6AU1kTFuiV3ugMx8y05](https://umontpellier-fr.zoom.us/meeting/register/tJcrdu-pqDsoGdW2O6AU1kTFuiV3ugMx8y05)  
Round-table discussion

15:30-17:00 **Poster – Coffee break**

17:00-19:00 **Project construction**  
*Salle Les Canuts + Coligny*  
VISIOCONF - Register in advance for this meeting: [https://umontpellier-fr.zoom.us/meeting/register/tJ0tcuigpjMtEtzbXVZkQlM5RjQY-8oGWTq](https://umontpellier-fr.zoom.us/meeting/register/tJ0tcuigpjMtEtzbXVZkQlM5RjQY-8oGWTq)

19:00-20:00 **Dinner**

20:00-21:00 **Project construction**  
VISIOCONF - Register in advance for this meeting: [https://umontpellier-fr.zoom.us/meeting/register/tJMrce-hrzkuHd2kPU3_ahjvtStBPk3owrS](https://umontpellier-fr.zoom.us/meeting/register/tJMrce-hrzkuHd2kPU3_ahjvtStBPk3owrS)
**Thursday 24 November 2022**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
<th>Presenter(s)</th>
</tr>
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<tbody>
<tr>
<td>9:00-12:00</td>
<td><strong>Health-environment relations</strong></td>
<td>Salle Coligny</td>
<td>Patrick Giraudoux, Didier Bompangue</td>
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<tr>
<td>9:00</td>
<td>One Health and the African Great Rift</td>
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<td>Patrick Giraudoux, Didier Bompangue</td>
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<td>9:30</td>
<td>Naturally occurring potentially toxic elements in groundwater from the volcanic landscape around Mount Meru, Arusha, Tanzania and their potential health hazard</td>
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<td>Ines Tomasek</td>
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<td>10:00</td>
<td>Integrated management of cholera problem along the African rift</td>
<td></td>
<td>Didier Bompangue</td>
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<tr>
<td>10:30</td>
<td>Environmental variability in Lake Kivu and cholera risk in Bukavu from 2008 to 2012</td>
<td></td>
<td>Clémence Kavira, Catherine Deniel, Patrick Giraudoux, Didier Bompangue, Gudrun Bornette</td>
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<tr>
<td>11:00</td>
<td>Geological determinants of cholera outbreaks along the African Rift</td>
<td></td>
<td>Doudou Batumbo, Didier Bompangue, Catherine Deniel, Patrick Giraudoux, Frederic Mauny, Gudrun Bornette</td>
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9:30-10:30  **InterTEK Project workshop**  
Salle Les Canuts  
Round-table session

10:30-11:00 **Coffee Break**

11:00-12:00  **Turkana Workshop**  
Salle Les Canuts  
Round-table discussion

12:00-13:30 **Lunch**

13:30-15:30  **Conclusive session**  
Salle Coligny  
VISIOCONF - Register in advance for this meeting: [https://umontpellier-fr.zoom.us/meeting/register/tJYvc-qqqT4vH9TACYGlyReirRIH0F3hrFZM](https://umontpellier-fr.zoom.us/meeting/register/tJYvc-qqqT4vH9TACYGlyReirRIH0F3hrFZM)