This project is co-funded by the European Union

Programme – 20 April

9.30 Welcome and presentation of the workshop objectives
   Silvia MACCHI  Project coordinator, Sapienza University
   Gabriel KASSENGA  Local Coordinator, Ardhi University

10.00 Session 1. Presentation of results from the Activity 2.2
    (Exploring Climate Change vulnerability scenarios to seawater intrusion)
    Chair: Elifuraha MTALO, Bagamoyo University
    ANALYSIS OF THE SENSITIVITY TO SEAWATER INTRUSION OF DAR ES SALAAM’S COASTAL
    AQUIFER WITH REGARD TO CLIMATE CHANGE
    Authors: MARIA TERESA COVIELLO, GIUSEPPE FALDI, MATTEO ROSSI, GIUSEPPE
    SAPPA, ANTONIO TROTTA, STEFANIA VITALE
    Speaker: GIUSEPPE SAPPA, Sapienza University (20 minutes)
    MONITORING SEAWATER INTRUSION IN THE COASTAL AQUIFER OF DAR ES SALAAM
    Authors: Gabriel KASSENGA, Stephen MBULIGWE
    Speaker: Gabriel KASSENGA, Ardhi University (20 minutes)
    Discussant: Maria Dolores FIDELIBUS, Bari Polytechnic (20 minutes)
    Questions (20 minutes)

11.20 Coffee Break

11.50 Session 2. Presentation of results from the Activity 2.1
    (Monitoring Land Cover changes in peri-urban settlements)
    Chair: Rachel KADUMA, Dar City Council
    INVESTIGATING THE RELATIONSHIP BETWEEN LAND COVER AND VULNERABILITY TO CLIMATE
    CHANGE IN DAR ES SALAAM
    Authors: Luca CONGEDO, Michele MUNAFO’, Silvia MACCHI
    Speaker: Luca CONGEDO, Sapienza University (20 minutes)
    Discussant: Elifuraha MTALO, Bagamoyo University (10 minutes)
    Questions (10 minutes)

12.30 Session 3. Presentation of a methodology for the regional downscaling of
    Climate Change global predictions.
    Chair: Giuseppe SAPPA, Sapienza University
    STOCHASTIC DOWNSCALING OF DAILY RAINFALL: HOMOGENEOUS & NONHOMOGENEOUS
    HIDDEN MARKOV MODEL FOR PROJECTING HYDRO-CLIMATE CHANGES IN TANZANIA
    Authors: Francesco CIOFFI, Alessandro MONTI
    Speaker: Francesco CIOFFI, Sapienza University (20 minutes)
    Questions (10 minutes)

13.00 Lunch

14.30 Working groups and development of a list of recommendations
    WORKING METHOD, FORMATION OF GROUPS AND IDENTIFICATION OF RAPPORTEURS
    Liana Ricci, Sapienza University (20 minutes)
    WORKING GROUP SESSIONS (90 minutes)

16.20 Coffee Break

16.50 PRESENTATION OF RESULTS FROM WORKING GROUPS
    by the Rapporteurs (60 minutes)
    DISCUSSION AND ADOPTION OF RECOMMENDATIONS
    Silvia MACCHI, Sapienza University (30 minutes)

VENUE: Faculty of Civil and Industrial Engineering, Sapienza University of Rome
Via Eudossiana 18, Roma – Cloister small Hall
LIST OF PARTICIPANTS

Invitees:
Ibrahimu C. MJEMAH, Sokoine University of Agriculture, Tanzania
Elifuraha MTALO, Bagamoyo University, Tanzania
Maria Dolores FIDELIBUS, Bari Polytechnic, Italy
Enrico FONTANARI, IUAV, Italy
Maurizio TIEPOLO, Turin Polytechnic, Italy
Sarah BRACCIO, Turin Polytechnic, Italy
Madhav GIRI, Turin Polytechnic, Italy

SAPIENZA University team:
Silvia MACCHI, project coordinator
Laura FANTINI, project manager
Liana RICCI, junior researcher
Giuseppe SAPPA, senior researcher
Maria Teresa COVIELLO, junior researcher
Giuseppe FALDI, PhD student
Antonio TROTTA, junior researcher
Stefania VITALE, junior researcher
Michele MUNAFÒ, senior researcher (ISPRA)
Luca CONGEDO, junior researcher
Francesco CIOFFI, senior researcher
Alessandro MONTI, junior researcher

ARDHI University team:
Gabriel KASSENGA, local coordinator
Steve MBULIGWE, senior researcher
Jonas G. BALENGAYABO, junior researcher
Fredrick A. LGATE, junior researcher
Edward F. RUHINDA, junior researcher

Dar City Council:
Rachel KADUMA, GIS unit