



# IWRM Conference 2018

## Nature for Water

Programme overview

Rob Nieuwenhuis



WATER  
for GROWTH  
RWANDA

# THE ANSWER IS IN NATURE

HOW CAN WE REDUCE FLOODS, DROUGHTS AND WATER POLLUTION?  
BY USING THE SOLUTIONS WE ALREADY FIND IN NATURE.  
DIVE IN AT [WORLDWATERDAY.ORG](http://WORLDWATERDAY.ORG)





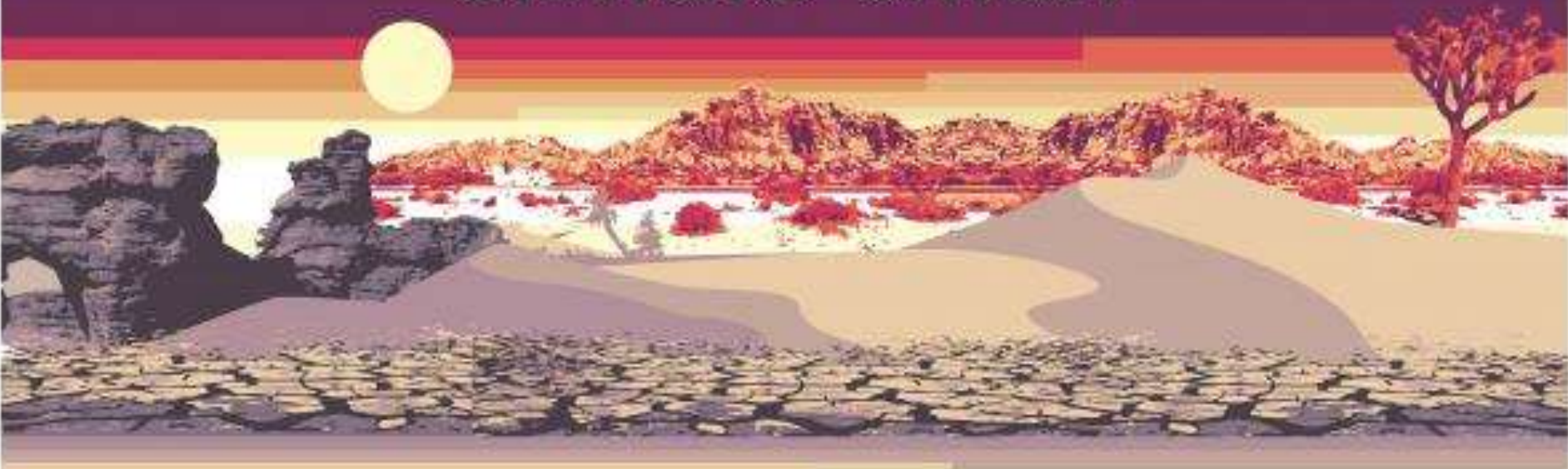
21 MARCH  
INTERNATIONAL DAY OF FORESTS 2018

# FORESTS AND SUSTAINABLE CITIES

Let's make our cities greener, healthier, happier places to live!



# Weather-ready, climate-smart



# IWRM conference programme main sessions

## Day 1

1. Status of water resources in Rwanda
2. Catchment planning
3. Water quality
4. Official opening of Water Week Rwanda 2018

## Day 2

1. International Hydrological Programme
2. Advancements in IWRM



# Status of water resources in Rwanda

Moderator: Rob Nieuwenhuis



# Status of water resources in Rwanda session 1

- Status of water resources in Rwanda (RWFA/WRMD)
- Rwanda water accounts preliminary findings (NCA)
- Panel discussion



# Catchment planning

Moderator: Dr. Claudine Uwera





# Catchment Planning session 2

- Setting the agenda for integrated spatial planning (W4GR)
- Introduction to 4 catchment plans (CTFs)
- GIS platforms for spatial planning in Rwanda (ESRI)
- Incentives for ecosystem services (IUCN, cancelled)
- Panel discussion



# Water quality

Moderator: Peter Katanisa



# Water quality session 3

- Effects of river discharge and land use / land cover on water quality dynamics (UR)
- Water pollution baseline study in Rwanda (UR)
- Panel discussion

# Official opening of Water Week 2018

## Nature for Water

Moderator: Francois Tetero



# Opening of Water Week Rwanda 2018

## session 4

- Principal UR/CST
- Ambassador of the Kingdom of the Netherlands
- Hon. Minister of State for Water and Energy
- Hon. Minister of Environment
  
- Water allocation models Muvumba and Nyabugogo (RWFA/WRMD)
- Design of hydraulic structures for flood control, Mpazi sub-catchment (UR)
- Exhibition opening and tour, cocktail



# International Hydrological Programme

Moderator: Dr. Valentine Uwamariya  
(Dean, School of Science)



# International Hydrological Programme

## day 2 session 1

- Recap day 1 (RWFA/WRMD)
- Welcome remarks (SG and IHP Chairman, CNRU)
- Opening remarks, Guest of Honour
- Industrial water demand agro-processing and beverage
- Groundwater recharge as sustainable solution to IWRM
- Determinants of rice farmers' willingness to pay for irrigation water
- Impacts of hilltop community land use / land cover management on water quality (Migina catchment)
- Panel discussion

# Advancements in IWRM

Moderator: Rob Nieuwenhuis





# Advancements in IWRM

## day 2, session 2

- Deep currents, water levels, waves in Lake Kivu (LKMP)
- Use of drones in environmental monitoring (Charis UAS)
- Programmes on water & sustainable livelihoods (UR)
- Storm water runoff management challenges CoK (UR)
- Household water demand and water sources (UR econ.)
- Panel discussion
- Conference closing remarks (RWFA/WRMD & UR/SoEng)



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