

PROGRAMME of groundwater modeling for arid and semi-arid areas

G-WADI workshop, Lanzhou, China

11-15 June 2007

DAY 1 (Monday)

9.00

Welcome, Introduction to Workshop, Introduction to participants

30 mins

Howard Wheater, Xin Li, Jayakumar

Discussion on use of models with workshop participants

30 mins

Howard Wheater

Hydrological processes, recharge and surface water-groundwater interactions in arid and semi arid areas

30 mins

Howard Wheater

Tea/Coffee break (30 mins)

11.00

Groundwater modeling and management in arid and semi-arid environments 1

1 hr 30 mins

Wolfgang Kinzelbach

Lunch (1hr)

13.30

Groundwater modeling and management in arid and semi-arid environments 2

1 hr 30 mins

Wolfgang Kinzelbach

Tea/Coffee break (30mins)

15.30

Geochemical and isotopic tracers as tools for groundwater systems analysis

2 hrs

Mike Edmunds

17.30

Case Study: The Heihe river basin, China

45mins

Wang Xusheng

Dinner (18.45-)

DAY 2 (Tuesday)

9.00

Part 1: Variable density groundwater modelling: Approaches, Challenges and Resolutions

1 hr 30 mins

Craig Simmons

Tea/Coffee break (30mins)

11.00

Part 2: Variable density groundwater modelling: Case studies and applications

1 hr 30 mins

Craig Simmons

Lunch (1hr)

14.00

Stochastic methods for aquifer protection and management

2 hrs

Adrian Butler

Tea/Coffee break (30mins)

16.30

Making models unbiased - applications of geostatistics; Case Studies from semi-arid granitic aquifers in India

1 hr

Shakeel Ahmed

Dinner (18.00-)

DAY 3 (Wednesday)

9.00

Stochastic methods in groundwater modelling 1

1.5 hrs

Jesus Carrera

Tea/Coffee break (30mins)

11.00

Stochastic methods in groundwater modelling 2

1.5 hrs

Jesus Carrera

Lunch (1hr)

14.00 (tbd) 30mins

Anna M. Gangas

14.30 CHU RIVER BASIN 30mins

Rafael Litvak

15.30 (tbd) 30mins

Mario R. Vieyra

16.00 General discussion (30mins)

Go back Hotel to prepare for field trip. Take your package to a safe place.

Dinner (18.00-)

21.00

Take train

TRAVEL TO BLACK RIVER VALLEY – FIELD TRIP

Day 4 (Thursday)

Black River Valley – field trip and return

Day 5 (Friday)

9.00 Development and Application of seawater intrusion models: theory, development of the model, benchmarking, and applications (1.5 hrs)

Abdelkader Larabi

Tea/Coffee break (30mins)

11.0 Case Study: A full detailed seawater intrusion case study in Morocco (45 mins)

Abdelkader Larabi

11.45

Break-out groups – workshop conclusions

All

Lunch (1hr)

13.30

Break-out groups – workshop conclusions

All

14.30

Break-out groups report

Workshop closure

Tea/Coffee break

16.00

Speakers meeting – meeting review/web publication/book publication/discussion of next steps

Dinner

Asian G-WADI Meeting Network meeting

16-17 June 2007

Day 1 (Saturday)

09:00-09:30	Opening Ceremony
09:30-10:45	Asian G-WADI Network Chairman Report Executive Committee Members Report
10:45-11:00	Tea/Coffee break
11:00-11:30	Country report from India
11:30-12:00	Country Report from China
12:00-12:30	Country report from Afghanistan
12:30-13:00	Country Report from Iran
13:00-14:00	Lunch break
14:00-14:30	Country report from Kazakhstan
14:30-15:00	Country report from Kyrgyzstan
15:00-15:30	Country report from Mongolia
15:30-16:00	Tea/Coffee break
16:00-16:30	Country report from Pakistan
16:30-17:00	Country report from Tajikistan
17:00-17:30	Country report from Turkmenistan
17:30-18:00	Country report from Uzbekistan

Day 2 (Sunday)

09:00-10:45	Discussion: On possible cooperation, exchange of information, joint pilot initiatives on G-WADI Asia pilot Basins
10:45-11:00	Tea/Coffee break
11:00-13:00	Discussion: On possible funding option to carry out comparative research projects on Asian G-WADI basins <ul style="list-style-type: none">✓ Initiation of pilot projects through Shanghai Cooperation organization – Prof. Xin Li✓ Initiation of pilot projects through SAARC agreement - Dr. K. D. Sharma / Dr. Muhammad Akram Kahlown✓ Initiation of pilot project through ISESCO – Dr. Abdin Salih or expert from Iran All the experts indicated above can make a brief presentation on the possible funding with donor agencies Formulation of working group to prepare the draft proposal
13:00-14:00	Lunch
14:00-15:00	Discussion continues
15:00-16:00	Discussion: Any other matters (do we need to keep the Asian G-WADI secretariat on rotation basis with other participating countries to keep the momentum of the network) Venue for the next network meeting
16:00-16:15	Tea/Coffee break
16:15-17:00	Adaptation of resolution and closing of the meeting

Welcome banquet for the G-WADI '07 Lanzhou workshop

Time: 6:00-8:30 pm, June 10, 2007

Place: Jiashiyuan Restaurant, Lanzhou Hotel

Anchor: Dr & Prof Xin Li

Addressing: Approximate 35 minutes

Introduction to all participants (Xin Li, 5-6 mins)

1. Academician & Prof. Guodong Cheng on behalf of the local organizer (7-8 mins)

2. Howard Wheater on behalf of G-WADI (10-12 mins)

3. Professor Wei Ma on behalf of the institute, CAREERI (5mins)

4. Jayakumar on behalf of UNESCO (6-7 mins)

Ending the addressing, and

Begin the banquet