COST

Action ES1106
TRAINING SCHOOL

WATER FOOTPRINT APPLICATION FOR WATER RESOURCES MANAGEMENT IN AGRICULTURE

16-20 June 2014
WMO Regional Training Centre, Ibimet-CNR
Sesto Fiorentino, Firenze

PROGRAM

Monday 16

8,30-12,00

Welcome (*Local Authorities, Ibimet-CNR Director, Action Chair, ESSEM Chair*)
Opening of the Training School
Introduction to Virtual Water concept

14,00-17,00

Introduction to Water Footprint concept
The sustainability of water footprint in agricultural production

Tuesday 17

9,00-10,30

The water cycle
Agrometeorological aspects related to water use in agriculture

14,00-15,30

Biophysical modelling related to agriculture water use and pollution, theoretical
fundamentals (Group1)
CROPWAT, theory and application (Group2) (*PC room*)

15,30 – 17,00

Biophysical modelling related to agriculture water use and pollution, theoretical
fundamentals (Group2)
CROPWAT, theory and application (Group1) (*PC room*)

Wednesday 18

9,00-10,30

Biophysical model applications for water and nitrogen dynamics in agriculture, model application (Group1) (*PC room*)

Application of Numerical Weather Prediction model outputs in assessment of green water components (Group2)

10,30-12,00

Biophysical model applications for water and nitrogen dynamics in agriculture, model application (Group2) (*PC room*)

Application of Numerical Weather Prediction model outputs in assessment of green water components (Group1)

14,00-17,00

Virtual Water Trade of agricultural production

Thursday 19

9,00-12,00

Water and solute transport in variably saturated cultivated soils
Potential of Remote Sensing for estimating and monitoring Water Footprint of crops

14,00 – 17,00

Climate change, facts and doubts. What the IPCC AR5 says
Adaptation options in agriculture

Friday 20

9,00-12,00

Water and food security

14,00-16,00

Drought risk management under present and expected climatic conditions

16,00-17,00

Closing remarks