

**AGRICULTURAL NUTRIENT  
MANAGEMENT  
IN THE DANUBE, BLACK SEA  
AND BALTIC SEA  
RIPARIAN COUNTRIES  
TBILISI GEORGIA**



04-07.10.2005

**ბალტიის ზღვის, შავი ზღვისა და  
ქ. ღუნიის აუზების ქვეყნების  
სასოფლო-სამეურნეო სექტორში  
ქირითადი საკვები ელემენტების გართვა,  
გამოცდილება და პერსპექტივები  
თბილისი საქართველო**

**REGIONAL CONFERENCE ON  
AGRICULTURAL NUTRIENT MANAGEMENT IN THE DANUBE,  
BLACK SEA AND BALTIC SEA RIPARIAN COUNTRIES**

**LESSONS LEARNED AND ROAD MAP FOR REPLICATION**

**TBILISI, GEORGIA**

**OCTOBER 4 – OCTOBER 5, 2005 – TECHNICAL DISCUSSIONS**

**OCTOBER 6 – OCTOBER 7, 2005 – FIELD VISIT AND DISCUSSIONS**

**Conference Venue: Marriott Courtyard  
Freedom Square 4  
Tbilisi 0105, Georgia  
Phone: 995-32-779 100  
Fax: 995-32-779110**

**Tuesday, October 4, 2005**

- 8:30 – 9:00**                      **Registration and coffee**
- Chairperson:**                      Mikheil Svimonishvili, Minister of Agriculture, Georgia  
**Co-chair**                              Roy Southworth, Georgia Country Manager, World Bank
- 9:00 – 10:00**                      Opening Remarks
- *Mikheil Svimonishvili, Minister of Agriculture, Georgia*
  - *Sofiko Akhobadze, Deputy Minister of Environment Protection and Natural Resources, Georgia*
  - *Michel Jambo European Commission representative, Georgia*
  - *Ivan Zavadsky, UNDP*
  - *Juergen Voegelé, Sector Manager, ECSSD, World Bank*
  - *Organizing Committee: Mirian Dekanoidze, Deputy Minister of Agriculture (Head of the Committee)*  
*Darejan Kapanadze, World Bank*
- 10:00 – 10:20**                      Danube-Black Sea Strategic Partnership Program and the EU Nitrates Directive  
Complementation and Challenges  
-- *Jitendra Srivastava & Meeta Sehgal, World Bank*
- 10:20 – 10:40**                      Georgian Experience – Strategy for Future  
-- *David Nakani, ARET Project, Head of Environment Component*  
-- *Darejan Kapanadze, World Bank*
- 10:40– 11:00**                      Identifying Vulnerable Zones for Nitrate Concentration and Corresponding  
Mitigation Measures – Romanian Experience  
-- *Catalin Simota, Deputy Director, ICPA, Romania*
- 11:00 – 11:15**                      *Coffee Break*
- Chairperson:**                      Faruk O. Mutlu, Ministry of Agriculture and Rural Affairs, Turkey  
**Co-chair**                              Halil Agah, World Bank Office, Turkey
- 11:15 – 12:45**                      Consumers' Concerns with regard to Food Quality, Safety and Traditional /  
Organic Production Methods in the Context of EU Accession / Markets.  
Economic and Social implications  
Discussant: *Ramesh Kanwar*  
*Open Discussion*

**12:45 – 2:00** Good practices for Onfarm Nutrient Management and Use of Animal Waste in the context of EU requirements for implementation of the nitrate and water directives and overall sustainable production systems.

-- *Goran Carlson, Swedish Institute of Agricultural & Environmental Engineering*

Discussions will focus on, *inter alia*:

- appropriate use of both chemical fertilizers and animal manure and waste
- assessment of existing onfarm nutrient resources
- soil sampling and testing,
- manure quantity sampling and analysis,
- residual nitrogen from leguminous crops,
- preferred application method and timing,
- field management history,
- how to prepare nutrient management plans,
- calculating nutrient recommendations and its application at the farm level, etc.

Open Discussion

**2:00 – 3:15**

***Lunch***

**Chairperson:**

Mr. Kendra Ain, Jämeda Training and Advisory Centre Head of Department of Rural Development, Project Manager. Estonia

**Co-chair**

Stefan Nicolau, PMU Technical Evaluation and Monitoring Specialist, Romania

**3:15 – 5:30**  
***(coffee break included)***

Good practices for Onfarm Nutrient Management and Use of Animal Waste in the context of EU requirements for implementation of the nitrate and water directives and overall sustainable production systems (Continued).

**5:30 -6:00**

Software Solutions for Farm Level Nutrient Management Planning

-- *Robert L Hill, Department of Natural Resource Sciences and Landscape Architecture, University of Maryland, USA*

***7:00 PM Folk Restaurant Dzveli Sakhli (Old House) – A National Dinner***

### **Wednesday, October 5, 2005**

**Chairperson:**

Aleksandar Bogunovic, Advisor, Ministry of Agriculture, Forestry and Water Management, Serbia

**Co-chair**

Nikola Ille, World Bank Office, Serbia

**9:00 – 12:00**  
***(coffee break included)***

Soil and Water Quality Monitoring and Assessing Impact on Nutrient Reduction With Particular Emphasis on EU Requirements.

-- *Ramesh Kanwar, Chair, Department of Agricultural and Biosystems Engineering, Iowa State University, USA*

Discussions will focus on, *inter alia*:

- soil and water sampling and testing procedures (methodology)
- analysis, interpretation and reporting of data
- extrapolation using different models
- assessment of the impact of nutrient reduction on water bodies.
- Case studies US Experience –Ramesh Kanwar  
Georgian Experience –David Nakani  
Romanian Experience –Stefan Nicolau
- Open Discussion

**12:00 – 12:15**

***Coffee break***

**12:15 – 1:15**

Monitoring Indicators for Agricultural Nutrient Reduction Projects  
-- Aaron Zazueta, GEF

**Chairperson:**  
**Co-chair**

Ivan Zavadsky, UNDP  
Meeta Sehgal, World Bank

**1:15 – 2:00**

Ongoing efforts on agricultural nutrient reduction, future programs for scaling up and opportunities for collaboration  
*All participating countries and agencies*

**2:00 – 3:15**

***Lunch***

**3:15 – 4:30**

Ongoing efforts on agricultural nutrient reduction, future programs for scaling up and opportunities for collaboration (Continued)

**Chairperson:**  
**Co-chair**

Mirian Dekanoidze, Deputy Minister of Agriculture, Georgia  
Jitendra Srivastava, World Bank

**4:30 – 5:30**

**Closing Session**

- Overall Discussions
- Recommendations/Next Steps
- Any Other Business
- Closing Remarks

### **Thursday, October 6 –7. 2005**

#### **Field Trip**

Depart to Batumi on October 6; stay overnight at the Black Sea coast; undertake field trip to see biogas digesters, nutrient management, good agricultural practices and soil and water quality monitoring points.

Departure from Batumi -- October 7 Evening. Participants have flexibility to depart on date and time convenient to them.