

**COST 869 –Action**  
**WG 1: Localisation of critical source areas**

| <b>Friday 25. May</b> |                       |  |
|-----------------------|-----------------------|--|
|                       |                       | Chair: Christian Stamm   |
| 8:30-8:45             | Tamas Nemeth          | Mapping vulnerability of soils to nitrate leaching at different scales, using different models   |
| 8:45-9:00             | Martin Frey           | Spatial prediction of contributing areas for diffuse pollution losses to surface waters – a case study for herbicides                        |
| 9:00-9:15             | Trevor Page           | Uncertainty and conceptual understanding of P loss processes   |
| 9:15-9:45             | Discussions           |  |
| 9:45-10:15            | Coffee                |  |
|                       |                       | Chair: Jim Cox   |
| 10:15-10:30           | Dominique Trevisan    | Phosphorus transfer and farming systems in the Lake Lemman watershed, France   |
| 10:30-10:45           | Jaroslav Antal        | Retrospective modelling of the water movement in the soil profile – probably possible tool for nutrient content reduction in the groundwater |
| 10:45-11:00           | Barbro Ulén           | Critical incidences of unbalanced nutrient leaching from crop rotations  |
| 11:00-11:45           | Group discussions     | Top ten priority of the WG1  |
| 11:45-12:30           | WG1 planning - future |  |
| 12:30-13:30           | Lunch                 |  |
| 13:30-13:45           | Iggy Liator           | Nutrients mobilization in an altered wetland: a case study of coupling groundwater principles with the Concept of Critical Source Areas      |
| 13:45-14:00           | Janez Hacin           | Effect of soil properties and land use on P budget in the fens of Ljubljana marsh, Slovenia  |
|                       |                       | Chair: Marianne Bechmann   |
| 14:00-14:15           | Katri Rankinen        | Development of farm-based N-leaching and N balance in 2000-2005 as estimated by COUP-model and field data                                    |
| 14:15-14:30           | Marianne Bechmann     | Integrated risk assessment of N and P losses in Norway   |
| 14:30-14:45           | Adrian Collins        | The identification of P hotspots and pathways using the PSYCHIC policy support tool  |
| 14:45-15:15           | Discussions           |  |
| 15:15-16:00           | Coffee                | Go home!   |