

GPNM Session Agenda

Subject	Sustainable nutrient management: global challenges, regional priorities and perspectives; and developing the future agenda for joint actions	Run Dates	3 October 2013
Background	<p>Nutrients - nitrogen and phosphorous are key to growing crops and thus to the world's food security. However, in some parts of the world farmers do not have access to enough nutrients to grow crops and feed the growing populations, while in many other parts of the world there is an 'excess' of them in the environment as a result of industrial and agricultural activity and this has profound impacts, from pollution of water supplies, creation of dead zones to the undermining of important ecosystems and the services and livelihoods they support.</p> <p>The result is a seeming divide between societal needs for food and energy and a complex web of adverse environmental impacts, which undermine the natural resource base and the services and livelihoods it provides. This divide – 'the nutrient challenge'- is set to intensify, to the cost of countries, as population, urbanization and food and energy demands increase.</p> <p>If the nutrient challenge is to be met, it will be important to improve nutrient use efficiency and availability of nutrients in the areas of overall shortage (e.g., in Africa) in order to meet the global target of food security.</p> <p>This session will examine the nature of the global challenge and how to meet the challenge of greater nutrient use efficiency in the food production systems in various regions of the world, as both too little or too much of nutrients have impacts on food security, human wellbeing and the environment.</p>		
Chair/Facilitator /Moderator	Dr. Greg Crosby and Prof. Mark Sutton	Time: Start	08:30
Location		Time: End	18:00
Attendees:	Representatives of governments, industry, science community, NGOs and UN agencies.		
Objective	To facilitate consensus building among the various stakeholders on the nature and scale of the nutrient management challenges from a global and regional perspective.		
Key questions	To seek to distill the nature of the nutrient challenge and answering clearly why should anyone care, how has the problem got worse, what is already being done, and what still needs to be done.		
Expected recommendations from the discussion	It is argued that if the world is going to learn to manage its nutrients better, then the world's citizens need to be motivated to make it happen. This session aims among others to frame the key messages for steering actions by various stakeholders to promote sustainable nutrient management in the context of food security and environmental sustainability.		
Organization partners	<p>GPNM Partners: Governments of the USA, Netherlands and India Agencies: INI, IFDC, IPNI, IFA, FAO, CDA, ING, NCSCM and others</p>		
Structure for discussion	Presentations and panel discussions		

Program Outline		
Duration	Topic	Lead/Chair/Facilitator/Speaker
Session I: Global challenges, regional priorities and perspectives - Chair Dr. Greg Crosby		
08:30- 08:45	Introduction to the session	Dr. Greg Crosby US Department of Agriculture
8:45 – 09:15	Nutrient Management Challenges and Policy Issues: global overview	Prof. Mark Sutton Centre for Ecology and Hydrology, UK International Nitrogen Initiative
09:15 - 09:45	The Coast and Oceans – home of the excess Nutrients!	Prof. Robert Diaz Prof. Emeritus, Virginia Institute of Marine Science USA
09:45– 10:00	Questions, Answers and Discussion	
10:00 - 12:00	Regional Perspectives (15 minutes presentation followed by Q&A)	
10:00– 10:20	Nutrient management challenges in Latin America	Dr. Luiz R G Guilherme Universidade Federal de Lavras, Brazil.
10:20- 10:40	Nutrient management challenges in Africa	Dr. Cargele Masso International Institute for Tropical Agriculture, Central Africa Hub, Kenya
10:40 –11:00	<i>Coffee</i>	
11:00– 11:20	Nutrient management challenges in Asia	Dr. N. Raghuram Indian Nitrogen Group/Society for Conservation of Nature, India
11:20-11:40	Nutrient management challenges in the Caribbean	Dr. Thomas J. Goreau President, Global Coral Reef Alliance
	The next two presentations are on solutions	
11:40-12:10	Improving nutrient management in agriculture. Industry Perspective	Dr. Terry Roberts International Plant Nutrition Institute, USA
12:10– 12:40	Improving nutrient management in livestock production systems	Prof. Tom Sims University of Delaware, USA
12:40 -13:00	Questions, Answers, Discussion and Synthesis	
13:00– 14:00	<i>Lunch Break</i>	
13:00– 13:30	Side event: Ecosystem Health Report Card of Chilika Lake India	
14:00– 18:00	Session 2: Developing the future agenda for joint actions to promote sustainable management of nutrients. Moderator Prof. Mark Sutton Centre for Ecology and Hydrology UK/International Nitrogen Initiative	
14:00 –14:20	Developing a collaborative agenda for sustainable nutrient management	Dr. Anjan Datta GPNM Secretariat
14:20– 14:40	Opportunities for nutrient (nitrogen) management within the CBD	Dr. David Coates Convention of Biological Diversity Secretariat Montreal, Canada
14:40-15:00	Addressing the human impacts on the nitrogen and phosphorus cycles – an OECD perspective.	Dr. Gérard Bonnis Organization for Economic Cooperation and Development, Paris
15:00-15:30	Addressing the nutrient challenge – where we are and what needs to be revisited and/or strengthened further.	Prof. Jan Willem Erisman Louis Bolk Institute, The Netherlands
15:30-16:00	<i>Coffee</i>	
16:00– 17:45	Panel discussion: Framing the next steps “Integrated approach to nutrient management”: key actions (policy analysis, policy reform, defining nutrient performance indicator and nutrient use efficiency, strengthening of partnership, supporting on the ground interventions) and actors. Each Panel members will be requested to share their thoughts on “Integrated approach to nutrient management” for 3 minutes, and give 5 key action points: “what needs to be done, what are the crucial levers to facilitate actions, what experiences can you share	Panelists to include Representatives from OECD (Dr. Gérard Bonnis), Governments of the US (Dr. Sasha Koo-Oshima and Dr. Greg Crosby), Netherlands (Ms. Hermien Busschbach), CBD (Dr. David Coates), India (Dr. Ajit Pattnaik) IPNI (Dr. Terry Roberts)

	to demonstrate that they worked, and if not what did not work and why.	
17:45-18:00	Synthesis and key conclusions	Prof. Mark Sutton
Short video show Nutrient Runoff - Two Minutes on Oceans with Jim Toomey		

Day 3: 14:00 to 18:00 hours:

GPNM Partnership Forum/Steering Committee Meeting

Agenda 1: In the light of deliberations on Day 2 and also taking into account the discussions/decisions of GPNM Washington meeting (May 2013) the session will deliberate on

What new knowledge, technologies and policy options are needed to ensure that future Nutrient use is sustainable, improves food security and environmental quality and provides benefits to the poor?

What target should we set for our action, what indicators we should use to assess progress and what actions we should pursue through GPNM to initiate change and/or improve nutrient use efficiency?

- Policy development, policy advocacy and support policy reform/development
- Development of toolbox to support policy choices and investment decisions
- Defining nutrient performance indicator and nutrient use efficiency
- Strengthening of partnership

Agenda 2: New GEF project