



2E. Engage and Empower rural communities to be the drivers of social-economic development through water

OTS 2^E1 : Thursday 24 March, 13h30-15h, salle 2

AGROECOLOGY IN ACTIONS TO MAKE PRODUCTIVE WATERS

Ordinary Thematic Session number 1, from the Group 2E :

Media-friendly session Title/ Titre de la session adaptée aux médias *	Agroecology in action to make productive waters for farmers
Media-friendly session summary (3-5 sentences)/Résumé de la session adapté aux médias (3-5 phrases) *	The overall objective is to empower smallholder farmers through agroecological techniques to make access to productive waters sustainable and equitable. Provide the tools to turn saving water into a wealth-producing resource and disseminate improved agroecological techniques as tools to safeguard water and soils to benefit agricultural production.
Keywords to describe the session's main elements (5 keywords max.)/ Mots-clés pour décrire les principaux éléments de la session (5 mots-clés maximum) *	Agroecology, Productive water, Circular economy, Soil resources, Food/Energy/Health nexus, TAE
Description of the session (250 words max.). It should include objectives and expected outcomes and/or questions that the session intends to answer/ Description de la session (250 mots maximum). Elle doit inclure les objectifs et les résultats attendus et/ou les questions auxquelles la session se propose répondre. *	Efficient water use will enhance the well-being of rural communities, the most vulnerable communities in respect to the resilience of a sustainable environment, under Climate Change forces. It will act as a driver for socio-economic development and help strengthen food and nutrition security. Agroecology, which aims at reviewing the sciences of agriculture through the prism of ecology and nature, is an approach that relies on advanced knowledge of the functioning of soils, plants, micro-organisms associated with plants, ecosystems as well as local knowledge. Beyond the ecological perception of agroecology, human and social sciences are mobilized to understand the barriers to the adoption of agroecological practices. Dealing with the concept of productive waters, the objective of this session is to highlight the agroecological transition possibilities open to a wide range of stakeholders (producers, cooperatives, local agronomic research institutes, technical support, training and extension services, social groups, etc.) and the diversity of possible approaches. It is only through the strong involvement of all the concerned partners that the added value of rational use of water shared with nature-based solutions (NBS) will be effective. The expected result of this session is to synergize the multiplicity of possible partnerships and to make concrete actions. We strongly advocate saving water as a vector of economic wealth, human well-being and ecological sustainability in the rural and peri-urban world. This session will then participate in the promotion of the agroecological transition for all, a necessity on global and local scales to achieve the 8 SMGs.



2E. Engage and Empower rural communities to be the drivers of social-economic development through water

Name of session coordinators/Nom des coordinateurs de session *	ORANGE Didier (IRD) DIALLO Hamet (GRET/DyTAES)
e-mail *	didier.orange@ird.fr hamet.senegal@gret.org
Organization name and type/Nom et type d'organisation *	IRD (French National research institute for sustainable development), French public research institution DyTAES, Senegalese association on TAE (Agroecological transition)
Country/Pays *	France and Sénégal
Other associated organizations and stakeholders/Autres organisations et parties prenantes associées	Santé & Territoires (CIRAD, ISRA, ...): Raphael Duboz raphael.duboz@cirad.fr , Amandine Adamczewski-Hertzog amandine.hertzog@cirad.fr IRD / CERAAS : Vincent Vadez vincent.vadez@ird.fr COSTEA (INRAe, AVSF, BRL ; Algérie, Sénégal, Cambodge): Sami Bouarfa sami.bouarfa@inrae.fr , Katia Roesch k.roesch@avsf.org , Eric Scopel eric.scopel@cirad.fr , Caroline Lejars caroline.lejars@cirad.fr , Benjamin Vennat benjamin.vennat@brl.fr , Sidy Seck sidysecksn@yahoo.fr INERA : Tonyélé FAYAMA tionyele@yahoo.fr IRD / COLAB : Ivan Zang ivan.zang@ird.fr , Charlie Guerrin Up2Green: Vincent Castagnet vincent.castagnet@up2green.com ISRA: Mame Sokhna Sarr mssarr@gmail.com ENDA-Pronat: Jean-Michel Sene sjanmichel@yahoo.fr IPAR: Laure Tall laure.tall@ipar.sn SOS Sahel : Rémi Hemerick remi.hemeryck@sossahel.org CICODEV: Mamadou Mbollo mamadou.mballo@cicodev.org , Ngone A. Ngom ngonediaba87@gmail.com
Duration of the session (max. duration allowed is 90 minutes)/ Durée de la session (la durée maximale autorisée est de 90 mn) *	90 mn
Draft session schedule (expected times for presentations, panel discussions, etc.)/ Projet de programme des sessions (heures prévues pour les présentations, les discussions de groupe, etc.) *	- Welcome and introduction [10'] - 6 introductions of 5 mn based on examples [30'] - Discussion Panel on questions raised in the assembly [45'] - Key messages and Conclusion (5')
Expected panellists / speakers / moderators/ Panélistes / intervenants / modérateurs attendus *	Speakers: - Hamet DIALLO (GRET et DyTAES, Sénégal) Des Plateformes Locales de l'Eau (PLE) comme "acteurs passerelles" pour une TAE qui sécurise durablement les usages de l'eau

2E. Engage and Empower rural communities to be the drivers of social-economic development through water

	<ul style="list-style-type: none"> - Rémi HEMERICK (SOS Sahel, Sénégal, Burkina Faso) et Henri GERARD (TERRE VERTE, Burkina Faso) Paysage et TAE : le bocage sahélien - Katia ROESCH (COSTEA, AVSF, Algérie, Sénégal, Cambodge) Performances et conditions de développement de l'agroécologie dans les systèmes irrigués - Amandine Adamczewski-Hertzog (Santé-Territoire, Sénégal, Bénin, Cambodge) La santé, un levier de développement dans le cadre de la transition agro écologique - Vincent Vadez (IRD, LAPSE, France / Sénégal) Crop intensification to increase the Water Use Efficiency - Ivan Zang (COLAB, IRD-Bond'Innov-Makesense, France, Tunisie) Exemple en Tunisie d'un programme d'intelligence collective et d'innovation pour la TAE (COLAB) <p>Panelists:</p> <ul style="list-style-type: none"> - Moderator: Didier Orange (IRD, Sénégal), confirmed - Hamet DIALLO (GRET et DyTAES, Sénégal), confirmed - Rémi HEMERICK (SOS Sahel, TERRE VERTE, GMV), confirmed - Katia ROESCH (COSTEA, AVSF, Algérie, Sénégal, Cambodge), confirmed - Amandine Adamczewski-Hertzog (Santé-Territoire, CIRAD, Sénégal, Bénin, Cambodge), confirmed - Vincent Vadez (IRD, LAPSE, France / Sénégal), confirmed - Ivan Zang (IRD, COLAB, France), confirmed - Mame Sokhna Sarr (ISRA/CNRF, Sénégal), confirmed - Jean-Michel Sène (ENDA-Pronat, Sénégal), confirmed - Vincent Castagnet (Up2Green, France), confirmed - Ngone A. Ngom (CICODEV, Sénégal), confirmed - Tionyélé FAYAMA (INERA, Burkina Faso), confirmed <p>A leaflet based on these presentations will be published.</p>
CGs contributions received that will be included in the session (with a word or two about how they are included)/CGs Contributions reçues qui seront incluses dans la session (avec un mot ou deux sur la façon dont elles sont incluses)	Contribution from the Secours Islamique on building solutions to drought response in Pakistan. This contribution will be included as an example of concrete field action.

2E. Engage and Empower rural communities to be the drivers of social-economic development through water

Potential overlaps with other OTS/Possibles chevauchements avec d'autres OTS	N/A
Missing stakeholders/Parties prenantes manquantes *	N/A
Intended audience and expected minimum and maximum number of participants/ Public visé et nombre minimum et maximum de participants attendus *	50 people. All stakeholders concerned by the nexus Food/Health/Energy/Water saving. It will attract all people working on sanitation&health, agronomy, ecology, hydrology, ecohydrology and nature-based solutions within academic and civil arenas, in order to reinforce the cooperation between actors of the Research and the Development.
Session Format/Logistics required (e.g. preferred room type, translation, audio, and video facilities, recording, stationery, printed material, special equipment, etc.)/ Format de la session/logistique requise (par exemple, type de salle souhaité, traduction, installations audio et vidéo, enregistrement, papeterie, matériel imprimé, équipement spécial, etc.) *	Translation, audio, and video facilities, recording, stationery, (and printed material if possible)
Expected outcomes, impacts, and follow-up linkages with events and initiatives after the Forum/Résultats attendus, impacts, et liens de suivi avec les événements et initiatives après le Forum *	<p>This session is intended to be an advocacy for the agroecological transition to ensure sustainable intensification of agriculture and food and nutritional security in West Africa, in respect of the following concrete political actions : Advocate for the improvement of global and local water governance in conjunction with structures dealing with food and agriculture issues, through the creation of an intergovernmental structure on Water&Food as part of the UN and approved by Member States.</p> <p>The follow-up outcomes will be to (1) reduce the water bill for rural populations, (2) improve the water productivity, (3) enrich rural populations by improving their living conditions, and (4) give power back to small farmers for market gardening production for urbanites.</p> <p>At last, the session advocates for the improvement of global water governance in conjunction with structures dealing with food and agriculture issues, through the creation of an intergovernmental structure on Water&Food as part of the UN and approved by Member States.</p>