International Congress - June 6-9, 2017 - Toulouse, France.

Sustainable Urban Agricultures: Vector for the Ecological Transition.

First symposium information letter with pre-program and schedule

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According to FAO (Food and Agriculture Organization), 60% of the world's population live in urban areas and forecasts for 2050 estimate that the figure will then be as high as 80% (along with 3 billion more people on Earth). The development of urban agriculture (UA) is one of the keys to providing enough food for urban populations. Many UA projects are thus being developed around the world including aquaponics production, vertical farms, collective gardens, possibly on the tops of buildings, and fruit trees for collective housing, among others. Multidisciplinary innovations include optimizing the efficiency of urban metabolism, promoting sustainable food based on a circular economy, improving the quality of food production and ecosystems and contributing to the well-being of populations (social considerations, health for all, edible landscapes, etc.). In France, the new Occitanie Region (which now incorporates the previous Midi-Pyrénées & Languedoc-Roussillon regions) is developing advanced agriculture (it is the leading French region for organic farming and land devoted to crop farming; it is also the world's leading vineyard area producing wines with labels of origin). Following the workshops on UA (organized by INPT-ENFA-UPS, in Toulouse in 2014 and 2015), the international network Agriville (http://reseau-agriville.com/) was set up to offer a participatory and interactive platform entitled "Teaching and Research; Science and Society" that addresses the many facets of urban agriculture. The international congress on sustainable UA will be holding five scientific plenary sessions, each with 3 sub-sessions (exhibitions, poster sessions, visits to collective gardens, an aquaponics farm, etc.) and roundtable discussions (Research-Education-Employment) thus providing a forum bringing together the various stakeholders (farmers, researchers, politicians, students, associations, consultants).

S₁ Urban agronomy:

(a) Organic farming, agro-ecology;
(b) "New technologies" such as vertical farms, aquaponics, etc.;
(c) UA projects: opportunities and limitations.

S₂ Urban design :

(a) UA projects (spatial construction, territorial planning, regulation...);
 (b) Hybridization (permeability of boundaries, urban fringe);
 (c) UA, nature and society.



S₅ Ecological Transition:

(a) Participatory UA projects and democracy;(b) How the UA can reduce ecological inequalities?(c) UA projects and solidarity.



S₃ Environment & Health: promote ecosystem services, reduce human exposure to pollutants!

(a) Reconciling production quality and pollution?
(b) How to communicate effectively with different stakeholders
on risk management?

(c) Assessment and management of nutrients/pollutants flows in soil-plant-atmosphere systems.

S₄ Circular economy, urban metabolism

and eco-engineering:

(a) Urban Metabolism: findings, socio-eco-environmental issues around food;

(b) Circular economy: valuation of the city's resources, the interests of circularity of flows;

(c) Eco-design, re-use, industrial ecology.

► Calendar, deadlines

September 2016	Announcement.1	Pre-program.1 - Call for papers
October-January	Announcement.2,3	Pre-programs - Call for papers
February 8, 2017	Deadline for abstract submission	3000 characters in English.
April 8, 2017	Response to the authors	Exposure or poster acceptance.
May 1, 2017	Submission of extended article	Edition of the conference proceedings.
May 15, 2017	Deadline for registration and payment meals.	200 € for normal inscription. 100 € for phD, associations or to participate two days. Free places available for students (M). 80 € for four lunches (June 6-9).

► Proposals for communications:

- Are to return by e-mail to the scientific committee before February 15, 2017.
- French or English may be used for the symposium. However, English abstract with key words are needed for all the communications accepted.
- Authors must specify contact information, status and functions. The texts must also be linked to a particular theme of the symposium.
- The authors will receive a response to their participation no later than April 8, for oral or poster presentation.
- After acceptance, authors will send a written article for up to 4 pages on May 15, 2017.
- Special issues will be organized with the journals: VERTIGO; Environment Risques & santé; J. Env. Sc...
- Scientific societies (SEGH, Agronomy Academy, RUAF, AFES) are involved for communication and valorization.

► Scientific committee (will be completed in October):

SCIENTIFIC SECTIONS	Implicated EXPERTS
S ₁ Urban Agronomy	Duchemin E. (UQAM, Canada) DR Hinsinger P. (INRA, ESE, Montpellier-France) PR Cortet (University, CEFE, Montpellier-France) PR Siebe C. (University, Mexico) Dr Alleto L., Dr Bertoni G. & Dr Jacquin A. (University, Dynafor, Toulouse-France) PR Motelica M. (University, ISTO, Orléans-France) Dr Quenea K. (University, Metis, Paris-France)
S ₂ Urban Design	PR Jaillet MC. (University UT2J, Lisst, France) Dr Bories O. (ENSFEA, Lisst DR, France) DR Monique Toublanc (ENSP, LAREP) Dr Consales JN. (Univ. Aix, Telemme, France) Dr Duvernoy I. (INRA, Agir, Toulouse-France) PR McClintock N. (Univ. Portland, USA) Dr Gambino M. (University UT2J, Lisst DR, France)
S ₃ Environment & Health	PR Carlos J. (University, Spain) PR E. Stefaniak (University, Poland) Dr Shahid M. (University, Pakistan) Dr Schreck E. (University, GET, France) PR Feidt C. (University, Leimta, France) PR Li ZA (CAS, China) PR Dumat C. (University, CERTOP, France) Dr Sobanska S. (CNRS, France) Dr Pelfrêne A. (ISA, LGCgE, France)
S ₄ Circular Economy	Dr Aubry C. (INRA, SAD-APT, Paris-France) PR Lepengue N. (University, Africa) Dr Adoue C. (Indiggo, France) PR Bourg D. (University, Swiss) Dr Mombo (University, Africa) Dr Foucault Y. (Bureaux Veritas, France)
S₅ Ecological Transition	DR Darmon N. (INRA, France) Dr Montalban B. (University, Spain) Dr Sochacki L., Dr Crivellari P. & PR Dumat C. (University, CERTOP, France) Dr Xiong T. (University, China) DR Austruy A. (Institut Ecocitoyen, France) Toulouse Métropole

▶ Organizing Committee:

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- -GreenMyCity, association : christian.ortega@greenmycity.eu; c.romain@laposte.net