

International Conference on
Plant Science
&
Natural Products, Medicinal Plants and Traditional Medicines
November 15-16, 2018 | Paris, France

The role of land use planning and strategic development planning for urban agricultural development in the face of multiple stressors

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Urban agricultural is increasingly considered to involve different forms of agricultural production both within cities and in peri-urban areas; such agriculture is highly diversified and can include food production, horticultural production as well as the more traditional forms of agriculture including productivist agriculture. We focus on food production in this presentation. These agricultures have to content with multiple stressors, including continued urbanization, the development of neo-rural population development in the peri-urban areas, competition from other sources of agricultural food production and increasingly the effects of climate change and variability. In this presentation, we discuss how urban agriculture and its food production has been able to adapt to these different stressors based on examples from our own research from Canada (the Toronto and Montreal areas), France (the Paris region)

and Belgium (the Liège region). We discuss how different agricultures can adapt to these multiple stressors and suggest the roles of land use planning and strategic development planning for agriculture in contributing to such adaptation.

Speaker Biography

Christopher Bryant completed his Ph.D at the age of 24 years at the London School of Economics and Political Science, UK. He was assistant, Associate and Full professor in Geograpy at the University of Waterloo from 1970-1990, Full professor in Géographie at the Université de Montréal 1990-2014, and is currently Adjunct Professor, School of Environmental Design and Rural Development, University of Guelph and Adjunct Professor, Géographie, Université de Montréal. On his Research Gate profile, he has approximately 1200 publications and presentations in his career and is placed in the top 5% of researchers in the world on the Research Gate network. He is currently on the Editorial Board of several journals and is Associate Editor of the journal Ecological Indicators.

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