

# Dynamics of tree ring formation and their implications for dendroecological studies

**Speaker: Dr. Sergio Rossi**

Université du Québec à Chicoutimi, Canada

Time: 10:00 am Jan 13, 2017

Venue: Conference Room, Ecology Building  
(生态楼二层会议室)

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## Brief Introduction of Speaker:

Sergio Rossi is an Associate Professor at the Département des Sciences Fondamentales, Université du Québec à Chicoutimi (Canada). He obtained a Master degree in Forest and Environmental Sciences and a PhD in Forest Ecology at the Università di Padova (Italy). His researches focus on quantitative ecology and ecophysiology, and in particular on modelling the complex responses of plants to multiple environmental factors and predicting the phenological adaptation of trees to climate changes. Dr. Rossi is considered a pioneer of the intra-annual studies on wood formation in temperate and cold ecosystems and treeline ecotones. His work has been published in prestigious journals including *Nature Plants*, *Global Change Biology*, *Plant Cell Environment*, *New Phytologist*, *Plant Physiology*, and *Journal of Experimental Botany*. His h-index is 29 and the Research Gate Score is 37.31. This talk covers the key processes of climate regulations on tree ring growth and how the effects of climate change on forest productivity can be taken into account in forest ecological studies.



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