

3-credit course on forest complexity and complex adaptive systems IN TUSCANY, ITALY, from September 24th to 29th 2017

This course: will be held in Vallombrosa's research and teaching forest in TUSCANY,



Italy from September 24th to 29th. This is an intensive one-week course (3 credits) with preparatory readings and discussions that will be held between the months of April and June 2017 in Quebec, with field exercises, seminars given by experts related in the field, group discussions, lab exercises and group presentations. Other students from British Columbia, Oregon and Italy will also take part in the course and **the training will be given in English.**

For who: Graduate students (MSc. and PhD)

Objectives: The aim of the course is to enable the student (1) to understand the theoretical foundations of complexity science and complex adaptive systems, (2) to use these theoretical foundations to develop the student's research program and (3) developing forest management practices that promote resilience and forest adaptability.

Cost and Financing: In addition to the airfare cost to Italy (maximum \$ 1,000), an additional cost of \$ 400 for accommodation and transportation is to be expected. It is possible to finance part of the

transportation and accommodation costs through the CEF's financial aid program for conferences and internships or QCBS Scholarships. There is also the possibility to apply to LOJIQ for Quebec residents. Other funding opportunities exist within your respective universities (scholarships for international mobility).

INTERESTED?: The course is limited to a maximum of 10 students from Quebec. If you are interested, send me (christian.messier@uqo.ca/messier.christian@uqam.ca) a few lines (maximum 1 page) indicating why you are interested in the course and how this course will help you in your research and/or professional program. The deadline to express your interest is January 15th, 2017. A 3-credit course will be created at UQO or UQAM and students from all Quebec Universities will be able to register.

A short syllabus of the course and a recent article on complex adaptive systems in forestry will be sent to those who are interested.