

Curriculum Vitae

Personal information



Surname(s) / First name(s) **Bouriaud Olivier**
Address(es) Str. Pârâul Mesteacăn, nr. 1A, Câmpulung Moldovenesc, jud. Suceava
Telephone(s) +40 732.770.636
E-mail obouriaud@gmail.com; obouriaud@icassv.ro
Nationality French
Date of birth 27.11.1975
Civil status Married, five children

Work experience

Dates **2007 onwards**
Occupation or position held Research scientist
Main activities and responsibilities

- Head of the Model and Methods Office, National Forest Inventory. In charge of the definition of the statistical methods of use to produce the estimations and reports with the Inventory, and their implementation.
- Research activities on forest inventory, carbon balance and climate change
- Coordination of research team and project management

Employer Forest Research and Management Institute – ICAS, Romania

Dates **August 2004-2007**
Occupation or position held Visiting Researcher
Main activities and responsibilities Spatial and temporal variation of tree growth and productivity in Canada. Study based on the data collected through the new National Forest Inventory in Canada founded by the project PERD (Federal Panel on Energy Research and Development): Tree-ring based estimation of spatial and temporal variation in forest productivity across Canada.
Employer Climate Change Group, Northern Forestry Centre (Canadian Forestry Service), Edmonton, and National Forest Inventory, Victoria, Canada

Dates **Mai - July 2004**
Occupation or position held Researcher
Main activities and responsibilities Edition and preparation of the CarboEurope GHG SS1 report „*Specific Study on Forest Greenhouse Gas Budget*”, Lindner, M., Lucht, W., Bouriaud, O., Green, T., Janssens, I. (Eds)
Employer European Forest Institute, Joensuu, Finland

Research projects

- Project manager (director)
- 2008-2013. **FP 7** GHG-Europe: “Greenhouse gas management in European land use systems”.
 - 2009-2013. **FP 7** Carbo-Extreme: “The terrestrial Carbon cycle under Climate Variability and Extremes – a Pan-European synthesis”.
 - 2011-2014. **FP 7** FunDIV Europe: “The Functional significance of forest biodiversity”.

	<ul style="list-style-type: none"> 2011-2014. Uefiscdi National funding agency, PN II IDEI: “Forest GHG Management”.
Working group member	<ul style="list-style-type: none"> 2012-2015. Uefiscdi National funding agency, PN II Partenariat: “STRoMa”, <i>Sustenabilitatea culturilor cu specii forestiere cu ciclu scurt de productie pe terenuri din afara fondului forestier</i>.
	<ul style="list-style-type: none"> 2012-2016. FP7 FORMIT: “FOREst management strategies to enhance the MITigation potential of European forest”.
	<ul style="list-style-type: none"> 2006-2012. JRC European Forest Data Centre. Harmonizing national forest inventory data.
Education and training	
Dates	1999 - 2003
Title of qualification awarded	PhD in Forestry Sciences
Organisation	ENGREF (Ecole Nationale du Génie Rural, des Eaux et Forêts) Nancy, France
Dates	1998 - 1999
Title of qualification awarded	Master degree (Post-graduate diploma DEA) in Forest Biology
Organisation	University of Nancy 1, Nancy, France
Dates	1996 - 1999
Title of qualification awarded	Bachelor degree (Dipl. Ing.) Forestry
Organisation	ENGREF (Ecole Nationale du Génie Rural, des Eaux et Forêts) Nancy, France
Personal competences	
Mother tongue(s)	French
Other language(s)	English, French
Self-assessment	
<i>European level (*)</i>	
English	
Romanian	
Technical skills and competences	<ul style="list-style-type: none"> Forest biometry, carbon balance estimations, national forest inventory; Long experience in dendrochronology and wood quality sciences; Data analysis: processing and management at very large scale; Specialist in GHG gaz measurement, having installed a chromatography laboratory in Romania;
Other skills and competences	Fluent in several programming languages, keen on linear and nonlinear statistics, and sampling techniques.

Additional information

Reviewer for several ISI journals: Canadian Journal of Forest Research, Agricultural and Forest Biology, Global Change Biology, Annals of Forest Science, Dendrochronologia, Journal of Forest Science, Annals of Forest Research.

Member of the Scientific Committee of the Editorial Board of Annals of Forest Research

Mentor: Scientific supervisor of the post-doctoral research project "DUPLIFEN" PN-II-RU-PD 2012-3-0304

Networks:

Climate Change Impacts and Adaptation in European Forestry forum

The ResearchID profile address is <http://www.researcherid.com/rid/C-4700-2011>

The LinkedIn profile address is <http://www.linkedin.com/pub/olivier-bouriaud/1b/b07/aa6>

h-factor: 8

Annexes | Recent publications

Bouriaud O., Stefan G., Flocea M. 2013. Predictive models of forest logging residues in Romanian spruce and beech forests. *Biomass and Bioenergy*. 54, 59-66.

Van der Maaten E., **Bouriaud O.**, Van der Maaten M., Mayer H., Spieker H. 2013. Meteorological forcing of day-to-day stem radius variations of beech is highly synchronic on opposing aspects of a valley. *Agricultural and Forest Meteorology*. 181, 85-93.

Babst F., Poulter B., Trouet V., Tan K., Neuwirth B., Wilson R., Carrer M., Grabner M., Tegel W., Levanić T., Panayotov M., Urbinati M., **Bouriaud O.**, Ciais P., Frank D. 2013. Site- and species-specific responses of forest growth to climate across the European continent. DOI: 10.1111/geb.12023.

Popa I., **Bouriaud O.** Reconstruction of summer temperatures in Eastern Carpathian Mountains (Rodna Mts, Romania) back to AD 1460 from tree rings. 2013. *International Journal of Climatology*. DOI: 10.1002/joc.3730.

Svoboda M., Janda P., Bače R., Fraver S., Nagel T., Rejzek J., Mikoláš M., Douda J., Boublík K., Šamonil P., Čada V., Trotsiuk V., Teodosiu M., **Bouriaud O.**, Biriş I.-A., Sýkora O., Uzel P., Zelenka J., Sedlák V. and Lehejček J. 2013. Landscape-level variability in historical disturbance in primary *Picea abies* mountain forests of the Eastern Carpathians, Romania. *Journal of Vegetation Science*. DOI: 10.1111/jvs.12109.

Walentowski H., Schulze E.D., Teodosiu M., **Bouriaud O.**, Hessberg A. von, Bussler H., Baldauf L., Schulze I., Boecker R., Herzog S., Schulze W. 2013. Sustainable forest management of Natura 2000 sites: a case study from a private forest in the Romanian Southern Carpathians. *Annals of Forest Research*. 56, 217-245.

Franceschini T., Longuetaud F., Bontemps J.-D., **Bouriaud O.**, Caritey B.-D., Leban J.-M. 2013. Effect of ring width, cambial age, and climatic variables on the within-ring wood density profile of Norway spruce *Picea abies* (L.) Karst. *Trees, Structure and Function*. 27, 913-925.