



Centre d'étude de la forêt

Infolettre du 9 juillet 2015

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Rappel

Vous avez jusqu'au 8 août pour déposer votre demande de [bourse du CEF](#) pour partir en stage ou en congrès à la session d'automne.

Nouvelles du CEF

9 JUILLET 2015

[University of Toronto Banting Postdoctoral Fellowship](#)

The department of Ecology & Evolutionary Biology at the University of Toronto invites applications for the prestigious Banting Postdoctoral Fellowship. These awards include a \$70,000 annual stipend for 2 years and are available to excellent junior scientists from any country to conduct postdoctoral research in Canada. The University of Toronto is a leading academic institution in Canada with over 60 faculty members specializing in ecology and evolution. Strong links exist between the Department of Ecology and Evolutionary Biology and the Royal Ontario Museum, the Centre for Global Change, the School of the Environment, and the Faculty of Forestry. The University owns a nearby field station dedicated to ecological research (the Koffler Scientific Reserve, www.ksr.utoronto.ca). The department also has a partnership with the Ontario Ministry of Natural Resources that helps provide access to infrastructure, including lab facilities in Algonquin Provincial Park (www.harkness.ca), funding, and long-term data sets. Genomic analyses are supported by the Centre for the Analysis of Genome Evolution and Function (www.cagef.utoronto.ca).

To apply, applicants should first contact and obtain the agreement of a faculty

advisor (or co-advisors) who is a member of EEB's graduate faculty; the faculty member(s) must agree to support the application. Please see this [list for eligible faculty members](#). Applications are due to the EEB department by July 16, 2015. [More info](#)

8 JUILLET 2015

[Les évacuations forcées par les feux de forêts](#)

Une entrevue au bulletin de nouvelles de Radio-Canada

Avions et hélicoptères larguent de grandes quantités d'eaux sur les feux qui font rage en Saskatchewan et cette situation risque de se répéter de plus en plus souvent au cours des prochaines années en raison des changements climatiques. Modèles et données paléo-écologiques à l'appui, les chercheurs estiment que dans tout le pays les feux de forêts vont être plus fréquents et plus intenses. C'est ce qui ressort des recherches de [Martin Girardin](#) du Service canadien des forêts: "Sachant que les changements climatiques, c'est incontournable, que peu importe la trajectoire qu'on va prendre dans le futur avec les émissions, il va quand même rester un effet résiduel de nos actions passées et il va y avoir une augmentation. Maintenant, c'est de regarder un peu toutes les stratégies qu'il y a pour s'adapter à ça". Des températures plus chaudes auront notamment pour effet d'assécher davantage les forêts et en faire un terreau plus fertile pour les feux. Même le Québec, où les feux de forêts sont à la baisse depuis quelques années, devrait s'en ressentir. Déjà, à la SOPFEU, la période d'activité a été prolongée au printemps et en automne. Mais les feux de forêts ont aussi un aspect bénéfiques pour les arbres, comme le rappelle [Yves Bergeron](#), professeur et chercheur à l'Université du Québec en Abitibi-Témiscamingue: "Le feu, c'est un élément naturel; il faut pas penser que les forêts sont détruites en général après les feux. Les forêts, au contraire, redeviennent souvent même plus productives qu'elles étaient." (À la minute 4:34)

7 JUILLET 2015

[Forest and Livelihoods Conference: Call for Abstracts](#)

In early December, Paris will host the Conference of the Parties on Climate Change. The Musée de l'Homme Research Group on Social and Natural Evolution, the International Forestry Resources and Institutions (IFRI) research network (coordinated from the School of Natural Resource and Environment at the University of Michigan), and Program on Forests of the World Bank (PROFOR) announce the first annual conference of the FLARE (Forests and Livelihoods: Assessment, Research, and Engagement) network. FLARE aims to advance cutting edge knowledge and practices regarding forest-based livelihoods, biodiversity, and climate change. The meeting will help improve our understanding of the approaches, methods, tools, and indicators to assess how, where, and why governance of forest and forest mosaics for improving livelihoods works, and how it can be strengthened. The meeting will take place at the Musée de l'Homme (Paris, France) on November 27th - 30th, 2015.

We invite proposals focusing on the relationship between forests and

livelihoods, the different ways in which forests are imagined, accessed, used, and governed. In particular, we are interested in the work of practitioners and scholars who work at the interface of forest conservation and livelihoods with the goal of sharing knowledge about their experiences and findings. We expect papers to: use qualitative, quantitative, or mixed methods and evidence to report on findings; examine tradeoffs and synergies in forest management and outcomes; and generate a conversation to promote greater visibility and use of key findings, methods, data, and experiences of researchers, practitioners, and decision makers alike. The conference aims to produce a summary document on the state of impact assessment and monitoring efforts, and the impacts of forestry interventions on livelihoods and biodiversity.

CONFERENCE THEMES: Proposals for oral presentations, lightning talks, posters, and workshops can address one or more of the following six sub-themes related to forests and livelihoods: 1) Governance and Landscapes; 2) Agricultural Commodities; 3) Social and Biological Aspects of Forest Dependence; 4) Impact Evaluations; 5) Pathways to Prosperity; 6) Climate

Abstract submission deadline is July 15, 2015. Notification of acceptance/decline will be given by August 1, 2015.

6 JUILLET 2015

[Écologie intégrative des symbioses végétales](#)

Le cours BIO-4902 & BIO-7904 Écologie intégrative des symbioses végétales sera donné à l'automne 2015 par [J. André Fortin](#) et [Yves Piché](#). Ce cours à distance sur vidéo est destiné à la fois aux étudiants de 1^{er}, 2^e et 3^e cycles. Inscription au libre-service des études de l'Université Laval « Capsule » NRC (numéro de référence du cours) 85234 ou 93649.

6 JUILLET 2015

[Nouveau programme court de 2^e cycle en gestion durable du carbone](#)

Le programme court de 2^e cycle en Gestion durable du carbone de l'Université du Québec à Chicoutimi (UQAC) pourrait vous intéresser! Il s'agit d'un programme de formation de 15 crédits (5 cours) offert uniquement à temps partiel, pouvant être suivi à distance et en différé grâce à des formules pédagogiques éprouvées en webdiffusion. Pas nécessaire de se déplacer à l'UQAC! Ce programme est la seule formation universitaire québécoise portant exclusivement sur la gestion du carbone dans le cadre de la lutte aux changements climatiques et du développement durable. Ne tardez pas, le début des cours est le 31 août prochain!

6 JUILLET 2015

[How to green the world's deserts and reverse climate change](#)

A TED Conference

"Desertification is a fancy word for land that is turning to desert," begins Allan Savory in this quietly powerful talk. And terrifyingly, it's happening to about

two-thirds of the world's grasslands, accelerating climate change and causing traditional grazing societies to descend into social chaos. Savory has devoted his life to stopping it. He now believes -- and his work so far shows -- that a surprising factor can protect grasslands. *Merci à [Mario Fontana](#) pour le lien*

4 JUILLET 2015

[IDENT-Cité: une spirale de biodiversité](#)

Un article dans [Le Devoir](#)

Dans l'arrondissement Ahunatic-Cartierville a été inauguré dernièrement le projet IDENT-Cité, un parcours en double spirale grâce auquel les visiteurs vivent l'importance de l'arbre et de la biodiversité en ville. Différentes variétés de feuillus et de conifères dessinent ses courbes, et s'ajouteront des arbustes et des vivaces. Les espèces se diversifient à mesure que l'on se déplace vers le centre pour redevenir de plus en plus semblables dans la deuxième moitié du parcours. Des étudiants de l'UQAM animeront l'espace et trois balades seront organisées par le Coeur des sciences les 14, 16 et 19 juillet. Ce projet dirigé par [Alain Paquette](#) et [Christian Messier](#) de la Chaire sur l'arbre de l'UQAM est le premier en milieu urbain du réseau International Diversity Experiment Network with Trees (IDENT), qui se nomme aussi TreeDivNet.

[Toutes les nouvelles...](#)

L'Agenda du CEF

JULY 8-13, 2015

[Workshop: Networks in Ecology](#)

EcoNet15 is a week long interdisciplinary workshop combining network science, dynamical systems and ecology. Registration, including food and accommodation, is free of charge.

Registration:

1. A short CV (max 2 pages)
2. An open problem (max 500 words).
3. Contact information: Full name, affiliation, email, cell-phone, food allergies and preferences (vegan, veggie, halal, lactose-free, etc).
4. Send to magnus.lindh@math.umu.se before March 31, 2015.

Marine research station in Norrbyn 40 km south of Umeå, in northern Sweden

JULY 26-31, 2015

[BOTANY 2015](#)

Registration for BOTANY conference is NOW OPEN. This year's scientific conference is shaping up to be one of the best ever! For the diversity of sessions and their scope, BOTANY 2015 will be unmatched as BSA, ASPT, ALBS, and AFS join forces with the Mycological Society of America, the International Society of Plant Taxonomists, the Society for Herbarium Curators and a host of Canadian botanical associations. The BOTANY 2015 conference web site is OPEN for abstract submission. Share your latest work with a terrific

community this summer in the beautiful endless river valley that is Edmonton, Alberta. Visit the conference web site to check out Symposia, Field Trips, and Workshops. Come hear the latest from leading researchers and educators in the botanical field as well as emerging scientists. Make connections and friendships that further your scientific journey and last a lifetime! The abstract submission deadline is April 10.

Edmonton, Alberta, Canada

JULY 25-29, 2015, 2015

[Botany 2015 - Science and Plants for People](#)

The annual Botany Conference is a multiple scientific society conference serving over 7,000 plant scientists and students whose research and practice span the globe. The conference encompasses the diverse scope of botanical study. Conference topics include: Basic and Applied Research – Climate Change and Conservation - Biochemistry – Biodiversity - Evo-Devo - Genomics , Phylogenetics – And More! Join the excitement! Come hear the latest from leading researchers and educators in the botanical field as well as emerging scientists. Make connections and friendships that further your scientific journey and last a lifetime. Fourteen plant science societies from the United States and Canada will see over 2,300 academic and industry attendees this year sharing research and exploring topics that focus on highly diverse, recent discoveries in the plant sciences. This conference will include keynote speakers, academic and industry researchers presenting their latest work, hands-on workshops, networking events and posters on recent developments for a highly broad range of plant science topics.

The Shaw Conference Centre Edmonton, Alberta - Canada

Tout l'Agenda...

Dans les médias

8 JUILLET 2015

[Burning rain forest raises concern about future](#)

Un article dans Seattle Times

In this hot, dry summer, even the Queets rain forest in Olympic National Park is burning. It's a rare spectacle, but one that could become more common.

6 JUILLET 2015

['Unprecedented' wildfires force out 13,000 Sask. evacuees](#)

Un article dans CBC

Biggest ever exodus of its kind in Saskatchewan, Red Cross says. In what's being dubbed the biggest evacuation effort in Saskatchewan's history, Premier Brad Wall said the number of evacuees affected by raging wildfires in the province's northern regions is "unprecedented." "This particular fire event is different for our province just because of the amount of hectares that are currently burning, which is, by the way, about 10 times the average year," Wall told reporters mid-afternoon on Monday. Wall noted that the number of affected communities also "make this [situation] particularly unique and

dangerous." More than 13,000 people have been forced from their homes due to northern Saskatchewan blazes, according to Red Cross. There were 112 fires burning in the province Monday, the Saskatchewan Environment Ministry said.

6 JUILLET 2015

[Technology helps keep tabs on lightning, forest fires](#) 

Un article dans SF Chronicle

It's lightning that ignites most forest fires. It's the human-caused blazes, often from illegal campfires, that often set off the biggest infernos. To get a handle on both, agencies have created websites that update locations and conditions for lightning strikes and forest fires. At the same time, standard summer-campfire restrictions were put in place over the weekend for most of California's parks, national forests and wilderness. To track lightning strikes in real time, go to www.lightningmaps.org. It's available as an app for smartphones. You can adjust the map for 15 minutes, 2 hours, 12 hours, 24 hours or 48 hours, as well as home in for areas in California or anywhere in the U.S. There had been so many lightning strikes over the weekend that if you adjusted the map for 48 hours, much of North America was lit up in reds, oranges and yellow. In turn, you can track wildfires at a website run by a consortium of fire-fighting agencies at <http://inciweb.nwcg.gov>.

6 JUILLET 2015

[Climate change and B.C.'s wildfires](#) 

Un article dans Straight

Scientists are quick to caution that no single extreme weather event can necessarily be linked to global warming. However, it's hard not to conclude that something is awry with the arrival of an early B.C. forest-fire season. B.C. government statistics show that in 2014, there were 369,169 hectares on fire. This exceeded the amount burned in each of the previous nine years. This year, there are already 221,455 hectares burned, exceeding all but two years from 2004 to 2014.

6 JUILLET 2015

[Climate change a big factor in persistent wildfires: Professor](#) 

Un article dans CBC

According to an expert on wildland fires, Saskatchewan's smoky skies and persistent blazes can be largely attributed to climate change. Mike Flannigan is a professor in the department of renewable resources at the University of Alberta. A former weather forecaster with Environment Canada, Flannigan says climate change is contributing to a lazy jet stream, effectively decreasing the energy needed to create rain and wet conditions. "Normally, a low pressure system comes through every three to five days, giving us rain and keeping the fire problem in check," he said. What's supposed to be "a strong band of wind that carries a low and high pressure system," with two different spheres of temperature that create high energy, is more like a lazy, "meandering river," he said. That's happening because of climate change.

6 JUILLET 2015

[By the numbers: northern Sask. wildfires on July 6](#) 

Un article dans CBC

Numbers + map of forest fires in Saskatchewan for July 6th.

3 JUILLET 2015

[By the numbers: Saskatchewan forest fires on Friday, July 3](#) 

Un article dans CBC

Numbers + map of forest fires in Saskatchewan for July 3rd.

3 JUILLET 2015

[Aerial view of forest fires burning in northern Saskatchewan](#) 

Un article dans CBC

Fires in the northern forests of Saskatchewan continue to burn. A CBC News camera man shot this video today about 32 kilometres north of La Ronge. More than 100 forest fires continue to burn, as about 600 firefighters and 200 support people work to fight the blazes. Of those fires, 57 fires are larger than 100 hectares, fire officials told reporters today. Just under 5,200 evacuees have registered with the Red Cross and the provincial government. Others are staying with family or friends.

[Dans les médias...](#)

Nouvelles offres d'emplois et d'études

Voyez aussi les [offres d'emplois et stages disponibles au CEF](#)

Emplois et stages

9 juillet	Coordonnateur environnement et certification  , Produits forestiers Résolu	La Tuque, QC	Pour débiter fin août
6 juillet	Assistant Professor in Soil and Environmental Mineralogy  , The School of Environment and Natural Resources at The Ohio State University	Ohio, USA	Non déterminée
6 juillet	Directeur exécutif / Directrice exécutive  , Nature Québec	Québec, QC	12 août
6 juillet	Research Data and Records Archive Manager  , School of Forest Resources, University of Maine	Maine, USA	Non déterminée

Emplois et stages d'été

Aucun

Postdoctorats

7 juillet	Postdoctoral position in GIS and Spatial Analysis of Global Change 🌐, National Center for Environmental Assessment U.S. Environmental Protection Agency (EPA)	Virginia, USA	Non déterminée
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Cycles supérieurs (Ph.D. ou M.Sc.)

9 juillet	PhD in wood quality modeling and wood utilization 🇺🇸, Northern Arizona University	Arizona, USA	31 juillet
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9 juillet	PhD in Australia and UK: Soil Ecology 🌐, University of Adelaide-University of Nottingham Joint Doctoral Training Partnership	Australie & UK	20 juillet
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6 juillet	 Centre d'étude de la forêt Funded PhD position to study ant functional diversity and ecosystem function in forest ecosystems 🇺🇸, under the supervision of Jean-Philippe Lessard, Concordia University & Tanya Handa , UQAM	Montréal, QC	Non déterminée
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6 juillet	PhD Position in Remote Sensing of Sub-Tropical Forest Degradation 🇺🇸, The Geography Department at Humboldt-University Berlin	Allemagne	16 juillet
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6 juillet	PhD Position on the Impacts of Land-Use Change on Mammals in the Gran Chaco 🇺🇸, The Geography Department at Humboldt-University Berlin	Allemagne	16 juillet
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7	M.S. Graduate Assistantship : Climate Change Ecology in a Hibernator 🇺🇸,	Utah,	Non
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juillet

Utah State University

USA

déterminée

[Toutes les offres...](#)

WWW.CEF-CFR.CA | [En manchette](#) | [Quoi de neuf](#) | [Agenda](#) | [Emplois/Études](#)

*Pour vous désabonner ou vous abonner à l'infolettre du CEF,
écrivez à lauzon.luc@uqam.ca*