

ARTICLES IN PEER-REVIEWED JOURNALS

Natali, M., Zanella, A., **Rankovic, A.**, Banas, D., Cantaluppi, C., Abbadie, L., Lata, J.-C. (2016). Assessment of trace metal air pollution in the Paris area using TXRF-slurry analysis on cemetery mosses, submitted.

Glatron, S., Blanc, N., Lamarche, T., **Rankovic, A.** (2016). Urban vegetation as a means of mitigating the effects of global warming: what do city dwellers think?, submitted

Blanc, N., Glatron, S., Lamarche, T., **Rankovic, A.**, Sourdriil, A. (2016). A new hybrid governance of urban nature: French case-studies, submitted

Gattuso, J.-P., Magnan, A., Billé, R., Cheung, W. W. L., Howes, E. L., Joos, F., Allemand, D., Bopp, L., Cooley, S., Eakin, C. M., Hoegh-Guldberg, O., Kelly, R. P., Pörtner, H.- O., Rogers, A.D., Baxter, J. M., Laffoley, D., Osborn, D., **Rankovic, A.**, Rochette, J., Sumaila, U. R., Treyer, S., Turley, C. (2015). Contrasting futures for ocean and society from different CO₂ emissions scenarios, *Science*, 349(6243), aac4722. DOI: 10.1126/science.aac4722

Laurans, Y., **Rankovic, A.**, Billé, R., Pirard, R., Mermet, L. (2013). Use of ecosystem services economic valuation for decision making: Questioning a litterature blindspot, *Journal of Environmental Management*, 119, 208-219

Rankovic, A., Pacteau, C., Abbadie, L. (2012). Ecosystem services and cross-scale urban adaptation to climate change: An articulation essay, *Vertigo*, Special Issue 12, <http://vertigo.revues.org/11851> (in French)

WORKING PAPERS, POLICY BRIEFS, OUTREACH

David, A., Boura, A., **Rankovic, A.**, Kraepiel, Y., Barot, S., Abbadie, L., Lata, J.-C., Ngao, J. (2015). Long term impact of climate on tree-growth patterns in Paris street trees and its consequences on tree cooling potential: A dendroclimatic approach. *Proceedings of ICUC9, 9th International Conference on Urban Climate jointly with the 12th Symposium on the Urban Environment (20-24 July, Toulouse, France)*, 5 p.

Rankovic, A., Billé, R. (2013). Les utilisations de l'évaluation économique des services écosystémiques : un état des lieux. *Études et documents*, n°98. Commissariat général au développement durable, Ministère de l'Écologie, du Développement Durable et de l'Énergie. http://www.developpement-durable.gouv.fr/IMG/pdf/E_D98_actes_seminaire_monetarisation_2012-2.pdf

Muller, Y., Nicolas, V., **Rankovic, A.**, Genet, P., Lacroix, G., Hulot, F. (2012). Engineering the water continuum. *ONEMA Meetings*, n°16, August 2012. <http://www.onema.fr/IMG/EV/meetings/Les-Rencontres-16UK.pdf>

Muller, Y., Nicolas, V., **Rankovic, A.**, Genet, P., Lacroix, G., Hulot, F. (2012). L'eau, ingénierie d'un continuum. *Les rencontres de l'ONEMA*, n°16, Août 2012. <http://www.onema.fr/IMG/pdf/rencontres/Onema-Les-Rencontres-16.pdf>

Billé, R., Laurans, Y., Mermet, L., Pirard, R., **Rankovic, A.** (2012). Valuation without action? On the use of economic valuations of ecosystem services. *Policy Brief n°07/12*, Institute for Sustainable Development and International Relations (IDDRI-Sciences Po), Paris, 6 p. <http://www.iddri.org/Publications/Collections/Syntheses/Valuation-without-action-On-the-use-of-economic-valuations-of-ecosystem-services>

Rankovic, A., Chancel, L., De Sahb, C. (2009). No-regret strategies in the Mediterranean: building sustainability through climate change adaptation. Reflection paper for the European Union Development Days 2009, Stockholm, 22-24 October 2009, Stockholm, Sweden, 4 p.

ARTICLES IN OTHER MEDIA

Collective (2015). Where Does France Go From Here? A Manifesto For Another Debate. *Harvard Kennedy School Review*, blog entry, 16 November 2015. <http://harvardkennedyschoolreview.com/where-does-france-go-from-here-a-manifesto-for-another-debate/>. French version: Et maintenant ? Manifeste pour un autre débat. <http://harvardkennedyschoolreview.com/et-maintenant-manifeste-pour-un-autre-debat/>

Billé, R., Laurans, Y., Mermet, L., Pirard, R., **Rankovic, A.** (2011). À quoi servent les évaluations économiques de la biodiversité ? *Ecorev' - Revue critique d'écologie politique*, n°32, 48-54

Rankovic, A. (2009). Chasse aux cétacés : coopération et conflits. *The Paris Globalist* Vol. III. n°2, p. 37 http://www.global21online.org/paris/pdf/Vol_III_Issue_2.pdf

ORAL COMMUNICATIONS AND POSTERS (*invited)

• Oral communications (O) and posters (P) presented at international scientific congresses

Rankovic, A., Coreau, A., Laurans, Y., Mermet, L., Treyer, S. (2015). Ecologists' strategies at science-policy interfaces: How can social sciences help? Opening remarks. Symposium S25, "Ecologists' strategies at science-policy interfaces: How can social sciences help?", at "Ecology at the interface": 13th European Ecological Federation (EEF) and 25th Italian Society of Ecology's (SItE) joint conference, 21-25 September, Rome, Italy (O)

Geslin, B., **Rankovic, A.**, Barbillon, A., Vaury, V., Abbadie, L., Dajoz, I. (2015). The $\delta^{15}\text{N}$ signature of pollinating insects along an urbanization gradient in the Ile-de-France region. "Ecology at the interface": 13th European Ecological Federation (EEF) and 25th Italian Society of Ecology's (SItE) joint conference, 21-25 September, Rome, Italy (O, presenter)

David, A., Boura, A., **Rankovic, A.**, Kraepiel, Y., Barot, S., Abbadie, L., Lata, J.-C., Ngao, J. (2015). Long term impact of climate on tree-growth patterns in Paris street trees and its consequences on tree cooling potential: A dendroclimatic approach. ICUC9, 9th International Conference on Urban Climate jointly with the 12th Symposium on the Urban Environment, 20-24 July, Toulouse, France (O)

David, A., **Rankovic, A.**, Bariac, T., Richard, P., Bagard, M., Lata, J.-C., Barot, S., Abbadie, L. (2014). Street Ecohydrology: A project to study street tree water use strategies and their consequences for managing tree cooling effects. 17th International Conference of the European Forum on Urban Forestry, 3-7 June 2014, Lausanne, Switzerland (P)

Blanc, N., Glatron, S., Lamarche, T., **Rankovic, A.**, Sourdri, A. (2014). Interdisciplinary perspectives on urban green infrastructure and climate change adaptation: The stakes of a governance reconfiguration (Paris case-study). Second Global Land Project Open Science Meeting, "Land Transformations: Between Global Challenges and Local Realities", 19-21 March, Berlin, Germany (O)

Rankovic, A., Barot, S., Lata, J.-C., Leloup, J., Sebilo, M., Zanella, A., Abbadie, L. (2013). Urban ecosystem ecology at the soil-plant-atmosphere interface: Studies on a Parisian long-term chronosequence. INTECOL 2013, joint congress of the International Association for Ecology and the British Ecological Society, 18-23 August, London, United Kingdom (O)

Rankovic, A., Fernandez, M., Wolff, A., Lerch, T., Lata, J.-C., Barot, S., Abbadie, L., Leloup, J. (2013). Patterns in urban soil nitrogen cycling communities from a soil-tree chronosequence in Paris: A case of long-term microbial succession? INTECOL 2013, joint congress of the International Association for Ecology and the British Ecological Society, 18-23 August, London, United Kingdom (P)

Rankovic, A., Izac, B., Lata, J.-C., Leloup, J., Zanella, A., Barot, S., Abbadie, L. (2012). Differences in carbon and nitrogen stocks and isotopic compositions regarding the exposure time of soils to urban conditions: The case of street tree-pit soils from the city of Paris. EUROSOIL 2012, Fourth International Congress of the European Soil Science Societies, 2-6 July, Bari, Italy (O)

• Oral communications (O) and posters (P) at scientific symposia

Rankovic, A. (2016). Savanna scenarios, the whys and hows. Second workshop of the Belmont Forum funded project "Impact of human drivers on biodiversity in savannas" (IHDBS), 25-29 January 2016, Universidade de Brasília, Brasilia, Brazil (O)

Rankovic, A. (2016). Answering the Belmont challenges – and beyond. Second workshop of the Belmont Forum funded project "Impact of human drivers on biodiversity in savannas" (IHDBS), 25-29 January 2016, Universidade de Brasília, Brasilia, Brazil (O)

Rankovic, A., Coreau, A., Treyer, S. (2015). Synthesis of answers to the preparatory survey. First workshop of the Belmont Forum funded project "Impact of human drivers on biodiversity in savannas" (IHDBS), 15-19 June 2015, Université Pierre et Marie Curie, Paris, France (O)

Rankovic, A. (2015). The public and urban regions – Conversation with Richard T. T. Forman. Workshop "Science and its Publics: Conversations on accountability", 28 April 2015, Harvard University Center for the Environment, Cambridge, MA, USA (O)

Rankovic, A. (2015). Discussant, with Claire Stockwell and Maximilian Mayer, of François Gemenne's seminar: "Anthropocene and Its Victims: How We Name Those Displaced by Environmental Changes", John F. Kennedy School of Government, Harvard University, 24 April 2015, Cambridge, MA, USA (O)

Rankovic, A. (2015). Ecological entities in environmental policies: Making them count? Fellows Group Meeting, Program on Science, Technology and Society, John F. Kennedy School of Government, Harvard University, 3 March 2015, Cambridge, MA, USA (O)

Rankovic, A., David, A. (2014). Les écosystèmes haussmanniens : une approche écologique des plantations d'alignement parisiennes. Seminar «Vies de rue : regards croisés sur les plantations d'alignement parisiennes», École thématique «Transition écologique et environnement urbain» of OSU Ecce Terra and Dens'City project, 6 November 2014, National Museum of Natural History, Paris, France (O)

Barot, S., Abbadie, L., Blouin, M., Frascaria-Lacoste, N., **Rankovic, A.** (2014). Ecosystem services must tackle anthropized ecosystems and ecological engineering. Science days of the Paris Institute of Ecology and Environmental Sciences, 30 September-1 October 2014, INRA-Versailles, France (O)

Barbillon, A., **Rankovic, A.,** Vaury, V., Dajoz, I., Geslin, B. (2014). The $\delta^{15}\text{N}$ isotopic signature and morphological traits of pollinating insects along an urbanization gradient in the Ile-de-France region. Science days of the Paris Institute of Ecology and Environmental Sciences, 30 September-1 October 2014, INRA-Versailles, France (P)

David, A., **Rankovic, A.,** Bariac, T., Richard, P., Bagard, M., Lata, J.-C., Barot, S., Abbadie., L. (2014). Street Ecohydrology: A project to study street tree water use strategies and their consequences for managing tree cooling effects. Science days of the Paris Institute of Ecology and Environmental Sciences, 30 September-1 October 2014, INRA-Versailles, France (P)

Barbillon, A., **Rankovic, A.,** Vaury, V., Dajoz, I., Geslin, B. (2014). Étude de la signature isotopique $\delta^{15}\text{N}$ d'insectes pollinisateurs le long d'un gradient d'urbanisation. Communication to the second Journée d'Écologie Urbaine, 8 juillet 2014, National Museum of Natural History, Paris, France (O)

Rankovic, A. (2014). Carbone, nutriments et relations sols-plantes à l'anthropocène. Communication à la «Journée d'épreuve CO_2 » du programme interdisciplinaire Sorbonne Paris Cité «Politiques de la Terre à l'épreuve de l'Anthropocène», 8 avril 2014, Université Paris Descartes, Paris (O)

***Rankovic, A.** (2013). Round table «Cultures et fonctionnalités de l'environnement», study days «Gouvernance des natures urbaines» organized by LADYSS, 5-6 December, Paris (O)

Rankovic, A. (2013). Living the street life: Patterns and processes in urban ecosystems. Communication to the annual meeting of the Doctoral School in Diversity of Living Organisms (ED 392), 16-18 October, Station biologique de Roscoff, France (O)

***Rankovic, A.** (2013). Dynamique de long terme du carbone et de l'azote dans les écosystèmes urbains : cas des plantations d'alignement parisiennes. Communication to the first Journée d'Écologie Urbaine, 9 July Université Pierre et Marie Curie, Paris (O)

***Rankovic, A.** (2013). Les services écosystémiques existent-ils ? Un essai d'écologie traductionniste. Communication to the study day «Services écosystémiques : de quel(s) service(s) parle-t-on ? Apports des sciences humaines et sociales», organized by the LADYSS, 30 May, Paris (O)

Blanc, N., Boudes, P., Glatron, S., **Rankovic, A.** & Sourdriil, A. (2012). Greening, Climate and the City: the CCTV program. Communication to the Zones Ateliers - LTER meeting, 17 October, Paris (O)

Rankovic, A. (2012). Long-term carbon and nitrogen dynamics at the soil-plant-atmosphere interface in urban ecosystems: Studies on a Parisian soil-tree chronosequence. Communication to the annual meeting of

the Graduate School in Diversity of Living Organisms (ED 392), 15-17 October, Station biologique de Roscoff, France (O)

Billé, R., **Rankovic, A.** (2012). Actual use of ecosystem services valuation for decision making: Questioning a literature blindspot. Communication to the regular seminar of the Biodiversity and Ecosystem Functioning team, Lab of Biogeochemistry and Ecology of Continental Environments, 30 January, École Normale Supérieure, Paris, France (O)

• Communications at multistakeholder symposia

Rankovic, A. (2015). Opening the decision-making blackbox: Strategic reflections for the Oceans 2015 Initiative. Second workshop of the Oceans 2015 Initiative, 20-22 April, International Atomic Energy Agency, Monaco (O)

Lata, J.-C., **Rankovic, A.**, David, A., Dusza, Y., Kaisermann, A., Yusupov, D., Baranovskaya, N., Kim, J. (2014). Multifonctionnalité des écosystèmes urbains dans la lutte contre le changement climatique. Communication au colloque annuel du Groupe des Acteurs de l'Ingénierie Écologique, « L'ingénierie écologique : une option face au changement climatique ? », 15 December, Paris, France

Rankovic, A. (2014). Participation to round table « Services écosystémiques en milieu urbain », first meeting of « EFESE & Thèses » of the French National Assessment of Ecosystems and Ecosystem Services lead by the French Ministry of Ecology, Sustainable Development and Energy, 8 October, Paris, France

Andrianjara, I., **Rankovic, A.**, Lata, J.-C., Castrec Rouelle, M., Quenea, K. (2014). Estimation des concentrations en éléments traces métalliques dans les sols et feuilles d'une chronoséquence de plantations d'alignement parisiennes : conséquences pour le recyclage des sols et l'utilisation du compost de feuilles en agriculture urbaine. Communication aux « Ateliers d'été de l'agriculture urbaine et de la biodiversité » de Natureparif, 30 juin-2 juillet 2014, Paris, France

***Rankovic, A.** (2014). Débat « Les services écosystémiques – Évaluer les services : une aide ou un piège pour promouvoir la biodiversité ? » avec Philip Roche (IRSTEA), animé par Emmanuel Delannoy (Inspire Institut). Quatrièmes Assises Nationales de la Biodiversité, 23-25 juin, Montpellier, France

***Rankovic, A.**, Billé, R. (2012). Les utilisations de l'évaluation économique des services écosystémiques : un état des lieux. Communication to the symposium « Monétarisation des biens et services environnementaux : Quelles utilisations pour les politiques publiques et les décisions privées ? » of the French Ministry of Ecology, Sustainable Development and Energy, 13 December, Paris, France
<http://www.developpement-durable.gouv.fr/Monetarisation-des-biens-services,30483.html>

***Rankovic, A.** (2012). Round table « La prise en compte des services écologiques dans les projets d'architecture et d'urbanisme durables », international symposium « La nature, source d'innovation pour une métropole durable ? Bilan critique de la recherche scientifique et des politiques municipales - Chicago, New York, Montréal, Paris », organized by the GIS « Climat, Environnement, Société » and the City of Paris, 24 October, Paris <http://www.gisclimat.fr/bilan-du-symposium-international-la-nature-source-dinnovation-pour-la-metropole-durable-chicago-new>

***Rankovic, A.** (2012). Recherche(s) et décision(s) relatives aux écosystèmes et à la biodiversité. Communication for the project « Questions de Sciences, Enjeux Citoyens » (www.qsec.fr), 24 February, Paris, France

AUDIOVISUAL PRODUCTIONS

Garrigou, A.-S., **Rankovic, A.** (2014). Videos summarizing the first year of the program Politics of the Earth in the Anthropocene:

- Épreuve « *Geopolitique des dioxydes de carbone* » - *Résumé des travaux 2013-2014.* <https://www.youtube.com/watch?v=zW3o-vq-cfA>

- Épreuve « *Expertise des risques et médiatisation des catastrophes* » - *Résumé des travaux 2013-2014.* <https://www.youtube.com/watch?v=oj0m9zB2Fck>

- Épreuve « *Dynamiques des zones critiques et conflits d'urbanisation* » - *Résumé des travaux 2013-2014.* <https://www.youtube.com/watch?v=T1wwrFLj0qQ>

- *Géophysique, géographie, géopolitique : regards croisés.* <https://www.youtube.com/watch?v=5YwOHRXU4iY>