


Feuille de Route

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Objectifs de la semaine

- Choisir le template du datapaper
- Réunir toutes les informations utiles pour un début de rédaction
- Améliorer le template de Texmaker
- Finir la création du document github
- Classification des documents latex pour un meilleur partage des

Taches effectuées

Observation des similitudes sur les datas papers

Datas papers liés aux vents

Journaux concernant l'ingénierie éolienne et l'aérodynamique industrielle publiés sur le site de **Elsevier** :

Réf : <https://www.journals.elsevier.com/journal-of-wind-engineering-and-industrial-aerodynamics/most-downloaded-articles>

Similitudes les plus fréquentes :

- Le titre

Il se concentre sur les données spécifiques partagées.

- Auteur(s)

Nom, Affiliations, email ...

- DOI
- Type de licence
- Date de l'article

Date de soumission de l'article, date de publication, date de validation, date révision.

- Highlights

On y trouve les points importants abordés dans l'article.

- Abstract

Présentation du contexte d'obtention des données (front de recherche, question de recherche)

- Keywords
- Introduction

Phrases d'introduction, description du contenu de l'article et sa structure.

- Mesure(s)

Types, intérêts et méthodes d'obtention des mesures (figures, tables pertinentes à la compréhension des données).

- Validation des mesures
- Conclusions
- Acknowledgements
- Références

Earth System Science est le journal qui a eu le plus point en termes de facteur d'impact en 2017 d'après le site de gbif (<https://www.gbif.org/data-papers>).

Réf : <https://www.earth-system-science-data.net/>

On y retrouve des datas papers avec une structure légèrement différente par rapport à ce qu'on a vu dans les journaux publiés sur Elsevier.

- Le titre
- DOI
- Type de licence
- Date de l'article
- Abstract
- Assets
- Discussion
- Metrics

Un exemple de data paper concernant les perturbations causées par le vent dans les forêts européennes sur la période 2000 – 2018 publié cette année sur le site sera affiché dans la page suivante.

<https://doi.org/10.5194/essd-2019-141>
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Discussion papers



Abstract

Assets

Discussion

Metrics

Submitted as: data description paper

05 Sep 2019

A spatially-explicit database of wind disturbances in European forests over the period 2000–2018

Giovanni Forzieri¹, Matteo Pecchi^{1,2}, Marco Girardello¹, Achille Mauri¹, Marcus Klaus³, Christo Nikolov⁴, Marius Rüetschi⁵, Barry Gardiner^{6,7}, Julián Tomaščík⁸, David Small⁹, Constantin Nistor¹⁰, Donatas Jonikavicius¹¹, Jonathan Spinoni¹, Luc Feyen¹, Francesca Giannetti², Rinaldo Comino¹², Alessandro Wolynski¹³, Francesco Pirotti¹⁴, Fabio Maistrelli¹⁵, Savulescu Ionut¹⁶, Wurpillot Lucas-Stephanie¹⁷, Karlsson Stefan¹⁸, Karolina Zieba-Kulawik¹⁹, Paulina Strejczek-Jazwinska¹⁹, Martin Mokroš^{20,21}, Franz Stefan²², Lukas Krejci²³, Ionel Haidu²⁴, Mats Nilsson²⁵, Piotr Wezyk¹⁹, Gherardo Chirici², Alessandro Cescatti¹, and Pieter S. A. Beck¹

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Review status

This discussion paper is a preprint. It is a manuscript under review for the journal Earth System Science Data (ESSD).

Received: 13 Aug 2019 – Accepted for review: 03 Sep 2019 – Discussion started: 05 Sep 2019

Abstract. Strong winds may uproot and break trees and represent one of the major natural disturbances for European forests. Wind disturbances have intensified over the last decades globally and are expected to further rise in view of the climate change effects. Despite the importance of such natural disturbances, there are currently no spatially-explicit databases of wind-related impact at Pan-European scale. Here, we present a new database of wind disturbances in European forests (FORWIND). FORWIND comprises more than 80,000 spatially delineated areas in Europe that were disturbed by wind in the period 2000–2018, and describes them in a harmonized and consistent geographical vector format. Correlation analyses performed between the areas in FORWIND and land cover changes retrieved from the Landsat-based Global Forest Change dataset and the MODIS Global Disturbance Index corroborate the robustness of FORWIND. Spearman rank coefficients range between 0.27 and 0.48 (p -value < 0.05). When recorded forest areas are rescaled based on their damage degree, correlation increases to 0.54. Wind-damaged growing stock volumes reported in national inventories (FORESTORM dataset) are generally higher than analogous metrics provided by FORWIND in combination with satellite-based biomass and country-scale statistics of growing stock volume. Overall, FORWIND represents a valuable and open-access spatial source to improve our understanding of the vulnerability of forests to winds and develop large-scale monitoring/modelling of natural disturbances. Data sharing is encouraged in order to continuously update and improve FORWIND. The dataset is available at <https://doi.org/10.6084/m9.figshare.9555008> (Forzieri et al., 2019).

How to cite: Forzieri, G., Pecchi, M., Girardello, M., Mauri, A., Klaus, M., Nikolov, C., Rüetschi, M., Gardiner, B., Tomaščík, J., Small, D., Nistor, C., Jonikavicius, D., Spinoni, J., Feyen, L., Giannetti, F., Comino, R., Wolynski, A., Pirotti, F., Maistrelli, F., Ionut, S., Lucas-Stephanie, W., Stefan, K., Zieba-Kulawik, K., Strejczek-Jazwinska, P., Mokroš, M., Stefan, F., Krejci, L., Haidu, I., Nilsson, M., Wezyk, P., Chirici, G., Cescatti, A., and Beck, P. S. A.: A spatially-explicit database of wind disturbances in European forests over the period 2000–2018, Earth Syst. Sci. Data Discuss., <https://doi.org/10.5194/essd-2019-141>, in review, 2019.

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Model code and software

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Giovanni Forzieri, Matteo Pecchi, Marco Girardello, Achille Mauri, Marcus Klaus, Christo Nikolov, Marius Rüetschi, Barry Gardiner, Julián Tomaščík, David Small, Constantin Nistor, Donatas Jonikavicius, Jonathan Spinoni, Luc Feyen, Francesca Giannetti, Rinaldo Comino, Alessandro Wolynski, Francesco Pirotti, Fabio Maistrelli, Savulescu Ionut, Wurpillot Lucas-Stephanie, Karlsson Stefan, Karolina Zieba-Kulawik, Paulina Strejczek-Jazwinska, Martin Mokroš, Franz Stefan, Lukas Krejci, Ionel Haidu, Mats Nilsson, Piotr Wezyk, Gherardo Chirici, Alessandro Cescatti, Pieter S. A. Beck

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Interactive discussion

Status: open (until 31 Oct 2019)

AC: Author comment | RC: Referee comment | SC: Short comment | EC: Editor comment | : Report abuse

[\[Post a comment\]](#) [\[Subscribe to comment alert\]](#) - Printer-friendly version - Supplement



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Viewed

Total article views: 388 (including HTML, PDF, and XML)

| HTML | PDF | XML | Total | BibTeX | EndNote |
|------|-----|-----|-------|--------|---------|
| 276 | 109 | 3 | 388 | 1 | 1 |

Views and downloads (calculated since 05 Sep 2019)

Viewed (geographical distribution)

Total article views: 309 (including HTML, PDF, and XML)

Thereof 303 with geography defined and 6 with unknown origin.

| Country | # | Views | % |
|--------------------------|---|-------|----|
| United States of America | 1 | 84 | 27 |
| Italy | 2 | 32 | 10 |
| Germany | 3 | 29 | 9 |
| Canada | 4 | 22 | 7 |
| Switzerland | 5 | 18 | 5 |



Cited ▶

Saved ▶

Discussed ▶

Latest update: 11 Oct 2019

Réf : <https://www.earth-syst-sci-data-discuss.net/essd-2019-141/>

Datas papers liés à l'énergie solaire

...

Progression sur Github

- Création d'un dossier partagé
- Familiarisation avec Github et Gitkraken (transfert de fichier, correction ...)

Objectifs pour la semaine prochaine

— Choisir le template du datapaper