

# Jacob S Fraser

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

600  
citations

567144

15  
h-index

610775

24  
g-index

29  
all docs

29  
docs citations

29  
times ranked

646  
citing authors

#	ARTICLE	IF	CITATIONS
1	Changes in forest biomass and tree species distribution under climate change in the northeastern United States. <i>Landscape Ecology</i> , 2017, 32, 1399-1413.	1.9	66
2	LANDIS PRO: a landscape model that predicts forest composition and structure changes at regional scales. <i>Ecography</i> , 2014, 37, 225-229.	2.1	58
3	Multi-model comparison on the effects of climate change on tree species in the eastern U.S.: results from an enhanced niche model and process-based ecosystem and landscape models. <i>Landscape Ecology</i> , 2017, 32, 1327-1346.	1.9	47
4	Importance of succession, harvest, and climate change in determining future composition in U.S. Central Hardwood Forests. <i>Ecosphere</i> , 2015, 6, 1-18.	1.0	43
5	A large-scale forest landscape model incorporating multi-scale processes and utilizing forest inventory data. <i>Ecosphere</i> , 2013, 4, 1-22.	1.0	42
6	Climate change and tree harvest interact to affect future tree species distribution changes. <i>Journal of Ecology</i> , 2019, 107, 1901-1917.	1.9	33
7	Revision and application of the LINKAGES model to simulate forest growth in central hardwood landscapes in response to climate change. <i>Landscape Ecology</i> , 2017, 32, 1365-1384.	1.9	32
8	Effects of species biological traits and environmental heterogeneity on simulated tree species distribution shifts under climate change. <i>Science of the Total Environment</i> , 2018, 634, 1214-1221.	3.9	29
9	Simulating stand-level harvest prescriptions across landscapes: LANDIS PRO harvest module design. <i>Canadian Journal of Forest Research</i> , 2013, 43, 972-978.	0.8	28
10	Spatial simulation of the effect of fire and harvest on aboveground tree biomass in boreal forests of Northeast China. <i>Landscape Ecology</i> , 2014, 29, 1187-1200.	1.9	24
11	The formulations of site-scale processes affect landscape-scale forest change predictions: a comparison between LANDIS PRO and LANDIS-II forest landscape models. <i>Landscape Ecology</i> , 2017, 32, 1347-1363.	1.9	22
12	Thematic and Spatial Resolutions Affect Model-Based Predictions of Tree Species Distribution. <i>PLoS ONE</i> , 2013, 8, e67889.	1.1	21
13	Landscape- and regional-scale shifts in forest composition under climate change in the Central Hardwood Region of the United States. <i>Landscape Ecology</i> , 2016, 31, 149-163.	1.9	19
14	Population dynamics has greater effects than climate change on tree species distribution in a temperate forest region. <i>Journal of Biogeography</i> , 2018, 45, 2766-2778.	1.4	17
15	Future forest aboveground carbon dynamics in the central United States: the importance of forest demographic processes. <i>Scientific Reports</i> , 2017, 7, 41821.	1.6	16
16	Visualizing Current and Future Climate Boundaries of the Conterminous United States: Implications for Forests. <i>Forests</i> , 2019, 10, 280.	0.9	12
17	Modeling the Effects of Harvest Alternatives on Mitigating Oak Decline in a Central Hardwood Forest Landscape. <i>PLoS ONE</i> , 2013, 8, e66713.	1.1	12
18	The site-scale processes affect species distribution predictions of forest landscape models. <i>Ecological Modelling</i> , 2015, 300, 89-101.	1.2	11

#	ARTICLE	IF	CITATIONS
19	Comparison of a species distribution model and a process model from a hierarchical perspective to quantify effects of projected climate change on tree species. <i>Landscape Ecology</i> , 2015, 30, 1879-1892.	1.9	9
20	Bird response to future climate and forest management focused on mitigating climate change. <i>Landscape Ecology</i> , 2017, 32, 1433-1446.	1.9	9
21	Spatially explicit reconstruction of post-megafire forest recovery through landscape modeling. <i>Environmental Modelling and Software</i> , 2020, 134, 104884.	1.9	8
22	Modeling Post-Fire Tree Mortality Using a Logistic Regression Method within a Forest Landscape Model. <i>Forests</i> , 2019, 10, 25.	0.9	7
23	Indirect effects mediate direct effects of climate warming on insect disturbance regimes of temperate broadleaf forests in the central U.S.. <i>Journal of Applied Ecology</i> , 2021, 58, 2626-2636.	1.9	6
24	Long-term effects of succession, climate change and insect disturbance on oak-pine forest composition in the U.S. Central Hardwood Region. <i>European Journal of Forest Research</i> , 2022, 141, 153-164.	1.1	6
25	Do Review Papers on Bird-Vegetation Relationships Provide Actionable Information to Forest Managers in the Eastern United States?. <i>Forests</i> , 2021, 12, 990.	0.9	5
26	Mitigating the Effects of Climate Change through Harvesting and Planting in Boreal Forests of Northeastern China. <i>Sustainability</i> , 2018, 10, 3531.	1.6	3
27	Controlling an Invasive Tree with a Native Fungus: Inoculating <i>Ailanthus altissima</i> (Tree-of-Heaven) with <i>Verticillium nonalfalfae</i> in Highly Disturbed Appalachian Forests of Ohio. <i>Journal of Forestry</i> , 0, , .	0.5	3
28	The impact of typhoon on post-volcanic-eruption forest landscape recovery: a study in Changbai mountain through 300 years of historic landscape reconstruction. <i>Landscape Ecology</i> , 2022, 37, 1401-1416.	1.9	2