

Guillaume DUPONT-NIVET

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Born 18 March 1971 in Paris

Earth Scientist

www.paleoenvironment.eu 

[GIS software](#)  

[Geo database](#)

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"I believe that trans-disciplinarity is the key to outstanding discoveries."

"My passion is to decipher how geodynamic and Earth-surface processes interact with environments and the biosphere."

"Students bring the most important: passion and curiosity that I love to stimulate and share in my classes."

RESEARCH INTERESTS

Themes Geodynamics, Tectonics, Climate, Paleoenvironments, Life interactions.
Tools Field geology, Paleogeography, Paleomagnetism, Basin analysis, Proxies.
Projects Asian tectonism and climate, Global transitions, Hominid environments.

EDUCATION

2011-12	Habilitation	University Rennes 1, France
1998-02	Ph.D. Geosciences	University of Arizona, USA
1995-96	M.Sc. Geosciences	University Rennes 1, France
1993-95	B.Sc. Geophysics	Paris 7/IPGP, France
1991-93	B.Sc. Physics	Strasbourg University, France

POSITIONS

2010-now	Assistant Professor	CNRS - Géosciences Rennes, France
2014-now	Guest researcher	Potsdam Univ., Geosciences, Germany
2009-19	Chair Professor	Peking Univ., Earth and Space Sciences, China
2003-10	Postdoc	Utrecht Univ., Geosciences, the Netherlands
2002-03	Postdoc	UCLA, Earth and Space Sciences, USA
1996-97	Science lieutenant	Oceanographic Center of the French Navy, SHOM , Brest

GRANTS

(full list [here](#))

2015-20	European Research Council (ERC) Consolidator, 2000 k€. (PI) MAGIC: Monsoons in Asia caused Greenhouse to Icehouse Cooling?
2012-15	Marie Curie Career Integration Grant (CIG), 100 k€. (PI) HIRESDAT High-resolution dating of sedimentary archives, tools and applications
2008-14	'Vidi' Individual fellowship of the Netherlands organization for scientific research, 600 k€. (PI) Is the collision between India and Asia responsible for global climate cooling?
2005-08	'Veni' Individual fellowship of the Netherlands organization for scientific research, 200 k€. (PI) Coupling geodynamic to climatic changes during Tibetan uplift
2003-05	Marie Curie Individual fellowship, 140 k€. (PI) Timing of Tibetan plateau uplift and related climate change

PUBLICATIONS

(full list [here](#))

- ⇒ [Towards interactive global paleogeographic maps, new reconstructions at 60, 40 and 20 Ma](#), Poblete, F., Dupont-Nivet, G., et al., (2021), *Earth Science Reviews*.
- ⇒ [Revised chronology of Central Tibet uplift \(Lunpola Basin\)](#), Fang, X., Dupont-Nivet, G., et al., (2020), *Science Advances*.
- ⇒ [Burma Terrane part of the Trans-Tethyan arc during collision with India according to palaeomagnetic data](#), Westerweel, J., Roperch, P., Licht, A., Dupont-Nivet, et al., (2019), *Nature Geoscience*.
- ⇒ [Greater India Basin hypothesis and a two-stage Cenozoic collision between India and Asia](#), van Hinsbergen, D.J.J., Lippert, P.C., Dupont-Nivet, G., et al., (2012), *PNAS*.
- ⇒ [Tibetan Plateau aridification linked to global cooling at the Eocene-Oligocene transition](#), Dupont-Nivet, G., et al., (2007), *Nature*.

TEACHING

(full list [here](#))

2021-22 [vGEOTRIP](#), Pedagogic project on interactive 3D virtual field tools (Potsdam-Rennes Univ.).
2018-22 [Geodynamics, Climate and Biodiversity](#) (MSc., Potsdam Univ.; full semester 56 h).
Supervisor 14 MSc., 12 PhD., 12 Postdocs (full list [here](#)).

COMMUNITY

- ⇒ Open source software [Terra Antiqua](#) and community database on www.map.paleoenvironment.eu.
- ⇒ Conference organization: [Asian Climate, Tectonics and Biodiversity 2022](#); [Sustainable Change 2021](#).
- ⇒ Evaluation Committee for the [Institute of Tibetan Plateau](#) (Chinese Academy of Sciences, 2021).
- ⇒ Expert evaluator H2020 Marie Curie Individual Fellowships (2016; 2018; 2019).

LANGUAGES

Fluent: French, English. **Operational:** German. **Survival:** Spanish, Dutch, Chinese.