



EDMOND DOUNIAS



Ethnobiologist working with tropical rainforest dependent peoples

Research Director at the French National Research Institute for Sustainable Development (IRD) (1994-onward)

SCIENTIFIC AFFILIATION

✉ Research Unit 'Biocultural Interactions'
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SALIENT ONGOING RESEARCH ACTIVITIES

Profiling of indigenous food systems in various worldwide ecoregions.
Research and advocacy on education among contemporary hunter-gatherers.
Sustainability science: co-construction of research between academic science and indigenous sciences

GEOGRAPHIC EXPERIENCE

• Africa

- Togo. 1983: Study travel on food self-sufficiency.
- Cameroon. 1984-onward: Continued and regular research activities in the forested part of the country, among various groups of forest dwellers (hunter-gatherers, shifting cultivators, trappers, fishermen).
- Central African Republic. 1985: Ethnoecology of fishing among the Issongo freshwater fishermen.
- Democratic Republic of Congo. 2014-2016: teaching anthropology of food at the University of Kisangani, surveys on Oto and Twa dietary regimes in Lac Tumba region.

• South-East Asia

- Sumatra (Indonesia). 1988: Subsistence economy of the Kubu hunter-gatherers.
- Kalimantan (Indonesia). 2001-2010: Nutritional ecology of the Tubu Punan hunter-gatherers in Eastern Kalimantan. Position at the Center for International Forestry Research (CIFOR) in Bogor, among the 'Forest and Livelihoods' program; successively staff (2001-2006) and senior research associate (2006-onward).
- Java (Indonesia). 2017-2021: Representative of IRD for Indonesia and Timor Leste.
- Vietnam. 2022-onward: Representative of IRD for Vietnam and the Philippines.

• Latin America

- Brazil. 1989: Participation to the Canopy Raft Expedition, Rio Cuieiras, Amazonia.

• France

- Brunoy. 1991-1993: Laboratory of General Ecology, National Museum of Natural History.
- Paris. 2000-onward: Research associate to the Laboratory of Ecoanthropology and Ethnobiology, National Museum of Natural History.
- Montpellier. 1998-onward: Affiliated to the Center for Functional and Evolutionary Ecology (UMR5175 CEFE).

ÉDUCATION

- 2008. Accreditation to Supervise Research (HDR), University Montpellier 2, France: 'Ethnobiology of tropical forest peoples: a career path marked by anthropology of food'
- 1993-94. Post-doctoral research, Fellowship from the LSB Leakey Foundation: 'Effect of tuber harvesting by the Baka Pygmies on the demography of wild yam species in Southern Cameroon'
- 1993. Doctoral Thesis in ethnobotany, University of Montpellier 2, France: 'Dynamics and differential management of the Mvae food system in southern coastal Cameroon'

Languages: English and Indonesian: Fluent; Spanish and German: Read and written; Vietnamese: beginner

TEACHING, MENTORING, REVIEWING

- Mentoring of more than 70 master students.
- Supervisor for 9 doctoral theses (France, Cameroon, Indonesia, China).
- 30 hours of teaching annually; regular lectures at University of Montpellier, National Institute of Horticulture and Landscape in Angers, Faculty of Agronomy in Montpellier, Paris Institute of Technology for Life, Food and Environmental Sciences, French National Museum of Natural History, Kyoto University (Japan), University of Kisangani (DRC), School for fauna of Garoua (Cameroon).
- Reviewer for international journals: *Advances in Economic Botany*, *Anthropology of Food*, *Before Farming*, *Biodiversity and Conservation*, *Biological Conservation*, *Biodiversity and Conservation*, *Biotechnologie Agronomie Société Environnement*, *Bois et Forêts des Tropiques*, *Borneo Bulletin*, *Bulletins et Mémoires de la Société d'Anthropologie de Paris*, *Cahiers d'Agriculture*, *Conservation Biology*, *Conservation & Society*, *Current Anthropology*, *Earthscan books*, *Ecology & Society*, *Etudes Rurales*, *Forests Trees and Livelihoods*, *Human Biology*, *Human Ecology*, *International Forestry Review*, *Hunter-Gatherer Research*, *International Journal of Sustainable Development & World Ecology*, *IRD éditions*, *Journal d'Agriculture Traditionnelle et de Botanique Appliquée*, *Journal of Ethnobiology*, *Journal of Ethnobiology and Ethnomedicine*, *Natures-Sciences-Sociétés*, *PLOS-One*, *Society and Natural Resources*, *Unasylva*, *VertigO*.

LEADING ROLES IN RESEARCH

- 2022-2024: Co-investigator of the project Contemporary hunter-gatherers and education in a changing world, funded by the Cultural Evolution Society transformational fund.
ces-transformationfund.org/our-projects/hunter-gatherer-education-awg
- 2021-2024: Coordinator of the International Research Network (IRN) Sentinel Vulnerable Indigenous Peoples (Sentinel VIPs): Attuning academic and indigenous knowledge to assess impact of global change on ecosystems and resources throughout the Indo-Pacific region.
sentinel-vips.toile-libre.org
- 2021-onward: Coordinator of the Biocultural interactions platform within the International Joint Laboratory Sentinel laboratory of the Indonesian marine biodiversity (IJL Selamat).
selamat.science
- 2018-onward: Co-founder of the Research and advocacy group on hunter-gatherer education (HG-EDU)
hg-edu.org
- 2018-onward: Core member for IRD within the FAO Global Hub on indigenous peoples' food systems
fao.org/indigenous-peoples/our-pillars/food-systems/en
- 2011-2015: Coordinator of the Sentimiel Initiative: Citizen science program bridging traditional ecological knowledge on honey hunting and smallholder beekeeping in a changing world (French Foundation for Research on Biodiversity).
- 2005-2009: Coordinator of the Forest and Human Health Initiative at CIFOR.
- 2001-2006: Coordinator of research program on People's dependencies on forest in East Kalimantan (CIFOR).
- 1997-1999: Coordinator in Cameroon of the EU program 'Future of the Rainforest Peoples' (APFT).
- 1994-1998: Coordinator of the Research program 'Human ecology in forest-savannah ecotone': adaptive responses of Tikar cereal cultivators and Bedzan hunter-gatherers to afforestation of forest edges.
- 1994-1996: Coordinator of the SOFT research program (French Ministry of Environment) on the potential uses as food of wild and lianescent tuber plants of Cameroon.


POSITIONS OF TRUST

- Evaluation Commission: Chairman of the IRD's research and applications management commission (CGRA) (2024-28).
 Scientific diplomacy: representative of IRD for Indonesia and Timor Leste (2017-21); representative of IRD and the French National Museum of Natural History for Vietnam and the Philippines (2022-24).
- Board member: French Society of Human Ecology (1994-2014); Help Doctors (2007-2014); Society of Anthropology of Paris (2007-2014); International Society of Ethnobiology (2008-2014); Tropical Rainforests Future (2010-2014); Foundation for Environment and Development in Cameroon (2013-onward).
- Advisory Committee Member: People and Plants International (2004-2009); Darrell Posey Fellowship for Ethnoecology and Traditional Resource Rights (2004-onward); Council of Elders of the International Society of Ethnobiology (2014-onward).

- Past Member of the Editorial Committee of the *Journal of Ethnobiology and Ethnomedicine*.
- Chair or organizing committee member of scientific events: International conference 'Anthropology of food and development' (France, 1993); International conference 'Human ecology and management of the forest-savannah ecotone in Central Africa' (Cameroon, 2001); International travelling workshop 'Reconciling conservation and development in the forests : Prospects, problems, and progress' (Indonesia, 2005); session at the 22nd IUFRO Congress 'Forests in the balance: Linking tradition and technology' (Australia 2005); International Congress on Human Rights and Environment (France, 2009); 21st annual meeting of the French Society of Human Ecology 'Transmissions between generations' (France, 2009); International Conference on Congo Basin Hunter-Gatherers (France, 2010); International conference 'Taking stock of smallholder and community forestry' (2010); International forum on sustainable development (France, 2011); 13th International Congress of Ethnobiology (France, 2012); 10th International conference on Hunter-Gatherers (UK, 2013); Annual meeting of the Société d'Anthropologie de Paris (2014); International travelling workshop 'Human ecology in forest and savannah boundaries: twenty years of interdisciplinary research in Central Cameroon' (Cameroon, 2014); 11th International conference on Hunter-Gatherers (Austria, 2015) ; 15th International Congress of Ethnobiology (Ouganda, 2016); 12th International conference on Hunter-Gatherers (Malaysia, 2018); International conference on ecological intensification in aquaculture (Indonesia, 2019).

SYNTHESIS OF ACADEMIC PRODUCTION

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Online detailed list of publications:  edmond-dounias.toile-libre.org/publications.html

- Papers in peer reviewed journals: 49
- Papers in non-peer reviewed journals: 23
- Scientific editor of books and special issues in scientific journals: 11
- Book chapters: 101
- Oral communications: 143 including 62 as invited speaker and 24 published in proceedings
- Posters: 21
- Public conferences: 38
- Radio and WebTV interviews: 17
- Contributions to written press: 17
- Producer or scientific adviser in for documentaries: 9
- Expert reports, manuals and fieldguides: 10
- Contributions to exhibition and initiatives between Arts and Research: 8

SELECTION OF PUBLICATIONS

- Fernandez de Larrinoa Y., Brunel A., Burlingame B., **Dounias E.**, Meldrum G., Padulosi S., Roy P., Velasco Gil G. eds. 2021. *Indigenous peoples food systems. Insights on nutrition, sustainability and resilience*. Rome, Bioersivity International-FAO.
- Milbank C., Burlingame B., Hunter D., Brunel A., Fernandez-de-Larrinoa Y., Martinez Cruz T.E., Katic P., Aboubakrine M.A., Roy P., Rosado-May F.J., **Dounias E.** 2021. Rethinking hierarchies of evidence for sustainable food systems. *Nature Food* 2: 843–845
- Hays J., Ninkova V., **Dounias E.** eds. 2019. Hunter-gatherer education. *Hunter-Gatherer Research*, special issue, 5(1-2).
- **Dounias E.**, Aumeeruddy-Thomas Y. eds. 2017. Children's ethnobiological knowledge. *AnthropoChildren* 2017(7).
- **Dounias E.**, Oishi T. eds. 2016. Inland traditional capture fisheries in the Congo Basin. *Revue d'ethnoécologie* 10(2016).
- Janicot S., Aubertin C., Bernoux M., **Dounias E.**, Guégan J.-F., Lebel T., Mazurek H., Sultan B., Reinert M. eds. 2015. *Climate change. What challenges for the South?* IRD Editions.
- Motte-Florac E., Aumeeruddy-Thomas Y., **Dounias E.** eds. 2012. *Peoples and Natures*. IRD Editions.
- **Dounias E.**, Motte-Florac E., Dunham M. eds. 2007. *Animal symbolism. Animals, keystone of the relationship between Man and Nature?* IRD Editions.
- Sitorus S., Levang P., **Dounias E.**, Mamoung D., Abot D. 2004. *Potret Punan Kalimantan Timur : Sensus Punan 2002-2003*. Bogor, CIFOR.
- **Dounias E.** 2003. *Cameroon's forest and people. A collection of publications, maps, pictures, hyper links, and references*. Bogor, CIFOR.
- **Dounias E.** 2000. *Review of ethnobotanical literature for Central and West Africa*. AETFAT-People and Plants initiative-Unesco-WWF-Royal Botanical Gardens Kew, Bulletin of the African Ethnobotany Network.