

CV CORMIER-SALEM Marie-Christine, Dr, HDR

Employer: IRD (Institute of Research for Development), France

Professional Status: Distinguished Director of Research in geography, PhD

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Academic Qualification

- 2003- Ability to Supervise Research (HDR, University of Paris I- Sorbonne)
- 2002- Qualification to be full University Professor
- 1989- PhD in geography (University of Paris X-Nanterre)
- 1985- Orstom Diploma in geography
- 1983- Master of tropical geography (University of Paris X-Nanterre)
- 1982- Laureate for secondary education (CAPES) in geography; Admit to Aggregation in geography
- 1981- Master of Middle-Age history (University of Paris IV-Panthéon Sorbonne)

Main fields of Research

- Environmental policies and local development (nature values and cobenefits; environmental equity; gender issues)
- Marine and coastal zones (mangroves): representation, uses and policy-making
- Approach of history, social geography and political ecology, applied in various fieldworks of tropical countries
- Integrated (from local to global scales), comparative and inter/transdisciplinary perspectives

Major national and international responsibilities

- Director of Agropolis Fondation (January 2019-December 2024); Head of Labex AGRO; Member of Scientific Council of Labex CEMEB, ED Gaia, ED EDEGE; Executive Council Pl@ntnet, Strategic Council #DigitAg, in Montpellier
- Co-Head of the International Joint Laboratory PATEO *Coastal Wetlands Heritage and Territory*, International scientific, technical and training Platform, focused on West African deltas of Mauritania, Senegal and Bissau-Guinea (co-headed by Prof. M.M. Diakhaté, Leidi, UGB, Saint Louis) and Dr. M.C. Cormier-Salem, PAOLA, IRD-Dakar) (2012-2018)
- Head of the Institute of Research for Development (IRD) Units of Research in the National Museum of Natural History (MNHN), Paris: UR26 PATER (2001-04), UR169 PATIS (2005-07), UR200 PALOS (2008)
- Head of UMR208 PALOC "Local Heritages" (2009, IRD-MNHN, Paris, France), then Deputy Head of UMR PALOC (2010-13); Member of the Head Committee, in charge of the International relations (2014-18)
- Head of BIODIVALLOC program "From localized products to geographical indications: which tools to manage biodiversity in mega-biodiverse countries?" French National Research Agency "Biodiversity" (ANR BDIV05, 2006-09)
- Member of the teachers team of ED227, MNHN, Paris, France
- Member of scientific commission and national committee: FRB (French Foundation for Research in Biodiversity); CIRAD (Center of Agronomic Research for Development); PNF (National Park of France); ANR (Ecosystem and Sustainable Development; Biodiversity); Allenvi-GT 10; Specialists commission in social sciences of MNHN; section 23 in Geography of CNU (National Council of the Universities), CSS Social Sciences, IRD; CNDSI (National Council of Development and International Solidarity); COMER (Specialized Committee for sea and coast research); Chair of a AFD comity in charge of the evaluation "Assessments of Protected Areas Contributions to Conservation and Development in AFD Interventions" (2017-18); CNB (National Council of Biodiversity, 2017-22); Specialized Committee "Protected species and spaces"; SC of Institut Agro (2021-24)
- Member of international committee and network: Agropolis Fondation Science Council (2012-15); expert in IPBES (Intergovernmental Science Policy Platform on Biodiversity and Ecosystem services): CLA chap 3. *African Assessment* (2015-17); LA chap 4 *Sustainable Use of Wild Species* (2018-2022); Steering Committee of AWARD (African Women in Agricultural Research and Development) (2019-2024); International Advisory Committee EUR IMPLANTEUS (2020-30)

Professional Experiment: main programs and partnerships (*programs under my coordination*)

- 1980-1990: *Small scale fishery of West-Africa* (CRODT and UCAD Senegal; CRO Côte d'Ivoire).
- 1989-91: *Aquaculture impact. Fishery resource management* (UQAM, Montréal, Québec).
- 1991-2000: *Societies and Mangroves Relations* (West-African network DUM, enlarged to India, Guyana and Madagascar, / Laboratory of Farming System, IRD Montpellier, then MNHN, Paris.
- 2001-07: *Local strategies to face marine and coastal biodiversity conservation and global policy* (MNHN, Cemaf-Paris I; Univ Illinois, USA; Univ Tana and IHSM, Tuléar, Madagascar; Univ Kasetsart-Thaïlande)
- 2006-09: in the frame of BIODIVALLOC program (ANR05 BDIV002: UR169 et 168 de l'IRD, CNRS, Cirad, MNHN), Team 1 "*African Coast Biodiversity and tools for the promotion and value adding of seafood and mangrove-based products*" (Arguin Banc, Mauritania; Saloum Delta, Senegal; Bijagos archipelagos, Bissau-Guinea)

- 2009-11: *Scenarios of water management and natural resource use in Eastern African*, GEOPAR program (MEDDAT 08 Water and Territories) coordinated by S. Duvail, IRD /IFRA, Nairobi, Kenya.
- 2011-13: *Participatory conservation in Senegal: perceptions, practices and social dynamics between civil society and NGOs*, program funded by Ile-de-France Region (PICRI), coordinated by M.C. Cormier-Salem, UMR Paloc IRD/ LPO Birdlife international.
- 2011-13: *Information system for the sustainable management of natural resources and territory of the Delta of Senegal River* (SIRENA), program funded by DSI/SPIRALES, IRD, coordinated by M.C. Cormier-Salem /PAOLA, IRD-Dakar/ Scientific and Technical Council of the Senegal River Transfrontier Biosphere Reserve, Saint Louis, Senegal.
- 2014-16: *Citizenship Governance of West-African Coast (Casamance, Bissau-Guinea, Guinea)*, Program funded by AFD, coordinated by GRDR, Dakar, Senegal.
- 2014-16: VALPROM program “*VALORIZATION of the PROducts from Mangrove*” funded by MAVA, coordinated by M.C. Cormier-Salem
- 2015: *Vietnam's Mangrove Services: effects of reforestation campaigns on mollusks biodiversity and uses* (SAM), Program funded by CNRS/INNE and IRD, PEPS 2015 AAP-Mangrove, coordinated by J. Panfili, IRD
- 2016 (February-April) and 2018 (Mars-April): Visiting Scholar at Department of Environmental Sciences, Policies and Management, Berkeley University, USA
- 2016-18: SEDES LMI: *Services from delta coastal waters and their sustainability*, laboratory funded by IRD/ University of Sciences, Ho-Chi-Minh City, Vietnam. Theme 4 (Policies & Scenarios) coordinated by M.C. Cormier-Salem.
- 2019-20: *Co-Benefits of Mangrove Conservation* (ANR MSREI). Proposal for H2020-MSCA-RISE (April 2020)
- 2020-24: *Mangrove, mangrove rice and mangrove people - sustainability improving rice production ecosystems and livelihoods* (MALMON), funded by EuropeAid/DeSIRA, coordinated by M. Temudo (Lisboa)

Distinction

- Knight of the legion of honor (2014)

Language (level 1 to 5): French (5), English (4); German (3); Wolof (3); Vietnamese (1)

Major publications (ID number: Web of science: 000245234100001; ORCID: 0000-0002-8853-0764)

500 publications among which: 12 books, 18 books coordination, 70 articles, 101 book chapters

CORMIER-SALEM M.-C., 1995. Paysans-pêcheurs du terroir et marins-pêcheurs du parcours. *L'espace géographique*, 1: 46-59.

CORMIER-SALEM M.-C. (ed), 1999. *Rivières du Sud. Sociétés et mangroves ouest-africaines*. Paris, IRD, 2 vol. (416p, 288 p.)

CORMIER-SALEM M.-C., D. JUHE-BEAULATON, J. BOUTRAIS & B. ROUSSEL (eds), 2002. *Patrimonialiser la nature tropicale. Dynamiques locales, enjeux internationaux*. Paris, IRD, coll. Colloques et séminaires, 468 p.

CORMIER-SALEM M.-C., 2004. “Environmental impact of deforestation. The Retreat of Mangrove versus Mangle Dynamics”. In : D. Babin et al, (ed) *Beyond Tropical deforestation*. Paris, UNESCO-MAB-CIRAD : 89-96.

BASSETT T. & CORMIER-SALEM M.-C., (eds), 2007. Nature, as Local Heritage in Africa. Special issue of *Africa*. 77 (1), 150 p.

CORMIER-SALEM M.-C. & B. ROUSSEL (eds), 2009. Des produits de terroir pour conserver la diversité biologique et culturelle au Sud. Enjeux, acteurs, instruments. IRD, *Autrepart*, 50, 214 p.

SARR O., B. QUEFFELEC, M.-C. CORMIER-SALEM & J. BONCOEUR, 2009. Relevance of labelling localised products in Southern countries: a case-study of dried shellfish in the Saloum delta Biosphere Reserve (Senegal). In *Frontiers of Environment and Citizenship*. Erika Techera editor. Rodopi Press, Amsterdam.

CORMIER-SALEM M.-C., 2014. Participatory governance of Marine Protected Areas: a political challenge, an ethical imperative, different trajectories. Senegal case studies. *SAPIENS*, vol 7(2) 13 p.

CORMIER-SALEM M.-C., PANFILI J., 2016. Mangrove reforestation: greening or grabbing coastal zones and deltas? Senegalese case studies. *African Journal of Aquatic Sciences*, 41(1): 89-98.

BOUAMRANE M., SPIERENBURG M., AGRAWAL A., BOUREIMA A., CORMIER-SALEM M.-C., ETIENNE M., LE PAGE C., LEVREL H., MATHEVET R., 2016. Stakeholder Engagement and Biodiversity Conservation, challenges in socio-ecological systems: from biosphere reserves in western Africa and France. *Ecology and Society* 21(4):25.

CORMIER-SALEM M.-C., 2017. « Mangrove grabbing. An exploration of changes in mangrove tenure from a political ecology perspective ». In : H. Artaud & A. Surallés (ed), *The Sea within. Marine Tenure and Cosmopolitical Debates*, IWGIA, Copenhagen, Denmark: 143-162.

CORMIER-SALEM M.-C., 2017. Let the Women Harvest the Mangrove. Carbone Policies and Environmental Injustice. *Sustainability*, 9, 1485.

CORMIER-SALEM M.-C., DIAKHATÉ M., DESCROIX L., 2017. *Sciences participatives et gouvernance des patrimoines et territoires des deltas*, Dakar, L’Harmattan, Actes du colloque PATEO/ PRCM, PALOC,UGB, Saint Louis du Sénégal, 373 p.

CORMIER-SALEM M.-C., TRAI NGUYEN V., BURGOS A., DURAND J.-D., BETTAREL Y., KLEIN J., BOUVIER C., HUY H. D., PANFILI J., 2017. Mangrove’s Contribution to People: Interdisciplinary Approach in the Can Gio Reserve in Vietnam. *C.R. Geoscience*, 349 (6–7) : 341-350.

CORMIER-SALEM M.-C., DUNHAM A. E., GORDON C., et al. 2018. Status, trends and future dynamics of biodiversity and ecosystems underpinning nature's contributions to people. In : Archer E., Dziba L. E., Mulongoy K. J., Maoela M. A., Walters M. (eds.) *The regional assessment report on biodiversity and ecosystem services for Africa*. IPBES secretariat, Bonn: 131-206.

DIRBERG G., BARNAUD G., BRIVOIS O., CAESSTEKER P., CORMIER-SALEM M.-C., et al. 2020. Towards the development of ecosystem-based indicators of mangroves functioning state in the context of the EU Water Framework Directive. *Life and Environment*, 70 (3-4): 303-310.

ARCHER E., DZIBA L., MULONGOY K.J., MAOLELA M.A., WALTERS M., BIGGS R.O., CORMIER-SALEM M.-C., ET AL., 2021. Biodiversity and Ecosystem Services on the African continent – what is changing, and what are our options? *Environmental Development*, 37, 100558.

BALACHANDER, G., HALMY, M.W.A., PARLEE, B., BIGGS, D., CHATAKONDA, M., CISNEROS-MONTEMAYOR, A.M., CORMIER-SALEM, M.-C., ET AL., 2022. Chapter 4: The drivers of the sustainable use of wild species. In: Fromentin, J-M., Emery, M., Donaldson, J., Kieling, D., Danner, M-C., and Hallosserie, A. (eds) *The Assessment Report on the Sustainable Use of Wild Species of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services*. IPBES secretariat, Bonn, Germany, 403 pages.

