

CHARLIER, ROGER

Honorary Member, BELGIUM

Prof. Ph.D., researcher, oceanographer

Citizenship: Belgian and American

Date and place of birth: November 10, 1924, Antwerpen, Belgium



Studies: Ph.D. [Erlangen] (Doctor of Philosophy (*magna cum laude*) Friedrich-Alexander Universität - Erlangen, LitD [Paris], Doctor of Letters & Human Sciences (*magna cum laude*) Université de Paris, ScD [Paris], Doctor of Sciences (Doctorat d'Etat (*summa cum laude*) Université de Paris, LicScPolEco [Brussels ULB & Colonial U of Belgium - Antwerpen], Licenciante in Political, Administrative and Economic Sciences-Université Libre de Bruxelles LicSc [Brussels ULB],

Licenciante in Sciences - Université Libre de Bruxelles, Certificat d'Etudes de Sciences Politiques et Administratives, Université Coloniale de Belgique; Postdoctoral Advanced Studies Certificate McGill University, Wartime Management of the Economy Certificate Industrial College Armed Forces, Pedagogy Curriculum Parsons University Certificate.

Carrier: Teacher at secondary school, 1941-42; newspaper correspondent, 1945-50; United Nations Relief and Rehabilitation Administration, deputy director, 1946-48; University Travel Inc., travel project director, 1948-71, director of Division of Educational Travel, 1963-67; Polycultural University, associate professor of geography and chairman of department, 1950-52; Berlitz School, teacher, 1951-52; Finch College, professor of physical sciences, chairman of department, and professor of mathematics, 1952-55; Hofstra University, professor of geology and geography & chairman of department, 1955-58; University of Paris, Faculty of Sciences adjunct professor of geology, 1958-59; University of Minnesota, visiting professor of education, 1959-60; Parsons College, professor of earth sciences, 1960-61; Northeastern Illinois University, professor of geology, geography, and oceanography, 1961-86; coordinator of earth sciences, 1961-65, research scholar, 1962-64; Academy of Romania, exchange senior scientist, 1968, 1978-79; U.S. Information Service, lecturer, 1971-84; Academy of Sciences of Bulgaria, exchange senior scientist, 1979; University of Bordeaux, honorary professor, 1987-; Lova-nia Publishers, staff, 1988-95; University of Brussels, professor emeritus, 1989- Writer.

Positions: Research Prof. Florida Atlantic University, Boca Raton FL; Prof. Emeritus. Vrije Universiteit Brussels, *id.* Université de Bordeaux I, *id.* Northeastern Illinois University. Previously: University of Minnesota, DePaul University, Hofstra University, City University of New York, Escuela Superior Ciencias Marinas Universidad Autonoma de Baja California, University of Western New Mexico; Executive Director, Institute for the Development of Riverine and Estuarine Systems. Deputy Director (UNRRA) United Nations Relief & Rehabilitation Administration; Executive Director, Institute for the Development of Riverine & Estuarine Systems; Scientific Advisor to CEO Harbour & Engineering Consultants; editorial positions; vice-chair environment task-force Orde Belgische Raadgevende Ingenieurs (Order of Belgian Consulting Engineers); chair Work-Group Environment & Sustainability European Federation of Consulting Engineers Associations; executive advisor, Colruyt Engineering; executive consultant, SOPEX Engineering; Vice President European Operations, Environmental Protection Group (Chicago); Newspaper correspondent (*Volksgazet*, *Nieuwe Gazet*, *Avenir Belge*, *Nouvelle Revue de Lausanne*, *Journal de Genève*, *Le Soir*, *La Dernière Heure*); Belgian National television and radio, etc

Publishing: 12 books [the last one: *Coastal Erosion* - Springer Verlag, *Ocean Power* - Springer], co-editor 4 books [the last one: *Ocean Sciences Bridging the Millennium* - UNESCO & China Ocean Press], 452 scientific articles, 400 articles in journals and newspapers.

Titles: *Cours d'analyse infinitésimale*, 5 vols., 1940; *Analyse-mathématique*, 1941; *The Belgians & the Flemings*, 1953; Antwerpen: die Bedeutung der belgischen Handelsmetropole im westeuropäischen Raum, 1958; *The Gifted: A National Resource*, 1960; *Introductory Earth Science*, 1960; Introduction to Oceanography, 1964; co-author of *Discovering Hawaii: A Series of Seminars*, 1965; *The Physical Environment: A Brief Outline*, 1966; ed. *Geography of the USSR*, 1967; *Harnessing the Energies of the Ocean*, 1970; ed. with P.S. Charlier,

and J.J. Karpeck ; *The World around Us: A Book of Readings*, 1971; *The Study of Rocks*, 1971; *The Study of Oceans*, 1971; ed. *A Digest of Master's Theses in Geography* at Northeastern Illinois University, 1972; contrib. *Marine Resources*, 1972; *Esquisse d'un cours d'océanographie régionale*, 1973; contrib. *The Oceans and Man*, 1975; *Economic Oceanography*, 1977; contrib. *Energy from the Sea*, 1977; *Ocean Resources: An Introduction to Economic Oceanography*, 1978; contrib. *Ocean Yearbook*, vol. I, 1978, vol. IV, 1984; vol. IX, 1989; *Marine Science and Technology: An Introduction to Oceanography*, 1980; *Our Physical Environment*, 1980; *Marine Geology*, 1980; *Tidal Energy*, 1982; contrib. *Small Energy Resources*, 1987; contrib. *Seaweeds of Europe*, 1992; with J.R. Justus *Ocean Energies: Environmental, Economic, and Technological Aspects of Alternative Power Sources*, 1993; contrib. *Benthic Marine Plants and Eutrophication*, 1996; with C.F. De Meyer *Coastal Erosion: Response and Management*, 1998; co-author of *Ocean Sciences, Resources, & Technology: A Guide to the Sea*, 1998; *Using Today's Knowledge for the Black Sea Area's Tomorrow*, 2000; 2nd Leadership Conference of International Ocean Institute: The Proceedings, 2003; *Oceans Bridging the Millenium*, 2004.

Awards: Chevalier de l'Ordre de Léopold, Chevalier de l'Ordre des Palmes Académiques, Medal of the Resistance, Medal of the Political Prisoner, Medal of War Volunteer, Medal of World War II with crossed swords (combat duty) and thunderbolts (intelligence and sabotage service), Gold Medal of Mérite Touristique (Belgium), Great Medal of the Seal of the University of Bordeaux (France), Commemorative Medal of the City and Harbor of Ostend (Belgium), Platinum Medal Arts, Sciences and Arts, Gold Medal for the Advancement of Progress, etc, various fellowships (incl. Fulbright Fellow, Kellogg Fellow, IREX Fellow, French Government, Belgium, Monaco), Memorial Lecture Award of UN First President Paul-Henri Spaak (awarded by the University of Bochum - Germany), scholarships, prizes and awards.

Affiliations: Former President of New Jersey Academy of Sciences, Corresponding Member of the Académie Nationale des Arts, Sciences & Belles-Lettres (France), nominated (2006) to Académie Royale de Marine de Belgique, Charter Member of the Histoire de l'Océanographie.