

Curriculum vitae Sebastiaan Adriaan Louis Maria Kooijman

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General Sex: male. Status: married. Nationality: Dutch. Religion: none. Hobbies: natural history, hiking, outdoor sports, such as canoeing, biking, photography.

2 febr '50 Birth in The Hague (the Netherlands).

aug '62-aug '67 Secondary school 'HBS-b' at St. Janscollege, The Hague.

aug '67- jan '74 Biology study at Leiden University

Specialization: Biology with supplementary courses in mathematics and in didactics that qualified for secondary teacher.

sept '70-jan '74 University demonstrator in the departments of Ecology and Theoretical Biology.

jan '74 Masters degree (doctoraal examen) with distinction.

febr '74-febr '77 Ph-D student employed by the Netherlands Organization for Pure Scientific Research (ZWO) at the Institute of Theoretical Biology of Leiden University. Collaboration with the Institute of Ecological Research (IOO, Arnhem).

Lecturer and adviser in mathematical problems in biological research in the Faculties of Biology and Medicine.

may '77 Ph-Degree, promotor prof. dr. M. Jeuken (theoretical biology), referees prof. dr. K. Bakker (ecology) and prof. dr. J. Fabius (probability theory).

febr '77-sept '85 Research worker at the Department of Biology of TNO at Delft, central laboratory, cq. Division of Technology for Society TNO. Main field of activity: environmental toxicology, supervising programs for testing the (aquatic) toxicity and mutagenicity of compounds. Leader of several projects, a.o. a large international project on the effects of chemicals on plankton communities. Institutes in Norway,

Denmark, Scotland, Germany and Holland participated in this project. Organizer of a Workshop on the results in october 1985 at Delft, and co-organizer of one in september 1986 on Texel.

Adviser in mathematical problems in biological and chemical research in the Department of Biology.

Frequently invited contributor to international symposia on topics like the application of mathematics in biology, fundamental research in ecotoxicology and animal energetics.

'80-'85 Government-appointed external examiner in biology, mathematics and computer science at the Van 't Hoff Institute, Rotterdam.

'84-'85 Chairman of the Society for Theoretical Biology.

sept '85-present Professor of Applied Theoretical Biology of the Vrije Universiteit Amsterdam (VUA); Head of the Department of Theoretical Biology VUA. Departments' activities are documented at <http://www.bio.vu.nl/thb/>

Lectures, publications, citations Lists at

<http://www.bio.vu.nl/thb/personnel/members/kooijman.html>

Promovendi List at <http://www.bio.vu.nl/thb/education/graduates.html>

Memberships National Academi of Sciences (KNAW)

Distinctions Cum Laude Master of Science (Leiden), Doctor Honoris Causa (Marseille)

Side activities as professor (list is not exhaustive)

'85-'87 Chairman of the Research Commission of the faculty of Biology VUA.

'85-'89 Chairman of the Working group on Theoretical Biology BION (NWO).

'85-'96 Consultant for the Division of Technology for Society TNO (ecotoxicological research, biotechnology).

'87-'89 Member of the Program Commission for Toxicology.

'87-'89 Chairman of the Discussion group on Bio-Informatics BION (NWO).

'87-'89 Member of the Scientific Advisory Commission for the Rijkinstituut voor Natuurbeheer.

'88-'89 Member of the 'Dwarsverband Commissie Informatica' (NWO).

'91-'92 Consultant for Kon. Gist-Brocades N.V. (production of penicillins).

'91-present Editorial Board of the Journal for Envir. & Ecological Statistics

'91-'05 Member of the Directorial Board of 'Stichting Exploitatie Hortus' VUA.

'92-'02 Chairman of the Exam Commission of the faculty of Biology VUA.

'92-'98 Member of the Scientific Advisory Commission for the Netherlands Institute for Ecological Research (NIOO, Nieuwersluis).

'92-'98 Member of the Managing Board of the Institute for Evolutionary and Ecological Research (EEW, Leiden).

'98-'03 Member of the Advisory Board of the Institute for Evolutionary and Ecological Research (EEW, Leiden).

'92-present Co-director of the Jan-van-der-Hoeven Stichting (Leiden University).

'94-'01 Coordinator of the National Program on Non-linear Dynamics, sub-program Population Dynamics (NWO). b

'95-'02 Member of the Directorial Board of Research School ACES, VUA.

'00-'04 Member of ISO commision ISO/TC 147/SC 5/WG 10 on the analysis of toxicity data.

'01-present Chairmain of the Foundation on Biodiversity and Education

'05-'10 Mentor of the European Research Group AQUAdeb

<http://www.ifremer.fr/aquadeb/>

'05-'06 Invited professor at University of Marseille

'11-'12 Invited professor at University of Lille

Course teaching (list is not exhaustive; guest-lectures in many other courses)

Undergraduate Mathematical Biology RUL: 1971–1977 (yearly)

Undergraduate Ecology RUL: 1970–1974 (yearly)

Graduate Stochastic processes RUL: 1975

Undergraduate Theoretical Biology VUA: 1986

Undergraduate Statistics VUA: 1987

Graduate Dynamic Energy Budgets, Res School SENSE: 1993, 1995, 1997, 1999, 2001, 2003, 2004

Graduate Dynamic Energy Budgets, international tele-course: 2001, 2003, 2005, 2007, 2009, 2011, 2013

Graduate Ecotox. applications of Dynamic Energy Budgets, international tele-course: 2002, 2004

Graduate DEBtox methods for environmental risk assessments Ispra: 2007

Undergraduate Mathematical Modelling, Humboldt Univ. Berlin: 2000

Graduate Mathematical Ecology Trieste: 1990, 1992, 1994, 1996, 1998, 2000

Graduate Theoretical Ecology, Res School Func Ecol: 1992, 1994, 1996, 1997, 1999, 2001, 2003, 2005, 2008, 2010, 2012

Graduate Winterschool on Nonlinear Systems, Woutschoten 2000

Graduate Summerschool on Mathematical Ecology, Següenza 2003

Graduate Ecotoxicology, Open Univ: 1990-2002

Undergraduate Methodology in quantitative research VUA: 2005