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Research interests

Dr. Jules M. van Rooij studied marine biology at the University of Groningen (The Netherlands), where he also obtained his PhD degree (in 1996) on the thesis "Behavioural energetics of the parrotfish *Sparisoma viride*: flexibility in a coral reef setting". From 1995 until 2000 he worked as a postdoctoral researcher. First at the department of food web studies of the Netherlands Institute of Ecology in an EC project studying the effects of climate change on the ecophysiology of freshwater fish (*Perca fluviatilis*). And the last 2 years at the department of Aquaculture at Wageningen University in two EC-projects on the improvement of sustainable aquaculture systems for shrimp (in Mexico and Israel) and for herbivorous freshwater fish (in India and Bangladesh). He published 15 papers in peer refereed journals that have been cited over 400 times.

In 2000, he returned to the University of Groningen as advisor Research Policy to the Executive Board. Since 2005 he coordinates the Assessment & Control of Research Quality as well as the University's Institutional Research. His areas of expertise further encompass Public Accountability, Responsible Metrics, Societal Impact, Benchmarking, Research Information Management and Open Science.

Research output

Ouderdom, omvang en citatiescores: rankings nader bekeken

van Rooij, J., 19-Jun-2017, In: *THEMA, Tijdschrift voor Hoger Onderwijs en Management*. 24, 3, p. 77-83 7 p.

Disentangling trait-based mortality in species with decoupled size and age

O'Farrell, S., Salguero-Gomez, R., van Rooij, J. M. & Mumby, P. J., Sept-2015, In: *Journal of Animal Ecology*. 84, 5, p. 1446-1456 11 p.

The effects of artificial substrates on freshwater pond productivity and water quality and the implications for periphyton-based aquaculture

Azim, M. E., Wahab, M. A., Verdegem, M. C. J., van Dam, A. A., van Rooij, J. M. & Beveridge, M. C. M., Sept-2002, In: *Aquatic Living Resources*. 15, 4, p. 231-241 11 p., PII S0990-7440(02)01179-8.

Use of artificial substrates to enhance production of freshwater herbivorous fish in pond culture

Keshavanath, P., Gangadhar, B., Ramesh, T., van Rooij, J., Beveridge, M., Baird, D., Verdegem, M. & van Dam, A., Mar-2001, In: *Aquaculture research*. 32, 3, p. 189-197 9 p.

Analysis and comparison of fish growth from small samples of length-at-age data: Detection of sexual dimorphism in Eurasian perch as an example

Mooij, W., Van Rooij, J. & Wijnhoven, S., May-1999, In: *Transactions of the American Fisheries Society*. 128, 3, p. 483-490 8 p.

High biomass and production but low energy transfer efficiency of Caribbean parrotfish: implications for trophic models of coral reefs

van Rooij, J. M., Bruggemann, J. H. & Videler, J. J., Dec-1998, In: *Journal of Fish Biology*. 53, (Supplement A), p. 154 - 178 25 p.

Mortality estimates from repeated visual censuses of a parrotfish (*Sparisoma viride*) population: Demographic implications

van Rooij, J. & Videler, J., Jun-1997, In: *Marine Biology*. 128, 3, p. 385-396 12 p.

The social and mating system of the herbivorous reef fish *Sparisoma viride*: One-male versus multi-male groups

van Rooij, J. M., Kroon, F. J. & Videler, J. J., Dec-1996, In: *Environmental Biology of Fishes*. 47, 4, p. 353-378 26 p.

Local variability in population structure and density of the protogynous reef herbivore *Sparisoma viride*

van Rooij, J. M., Kok, J. P. & Videler, J. J., Sept-1996, In: Environmental Biology of Fishes. 47, 1, p. 65 - 80 16 p.

Resource and habitat sharing by the stoplight parrotfish, *Sparisoma viride*, a Caribbean reef herbivore

van Rooij, J. M., deJong, E., Vaandrager, F. & Videler, J. J., Sept-1996, In: Environmental Biology of Fishes. 47, 1, p. 81-91 11 p.

Bioerosion and sediment ingestion by the Caribbean parrotfish *Scarus vetula* and *Sparisoma viride*: Implications of fish size, feeding mode and habitat use

Bruggemann, J. H., van Kessel, A. M., van Rooij, J. M. & Breeman, A., 25-Apr-1996, In: Marine Ecology Progress Series. 134, 1-3, p. 59-71 13 p.

A simple field method for stereo-photographic length measurement of free-swimming fish: Merits and constraints

van Rooij, J. M. & Videler, J. J., 29-Feb-1996, In: Journal of Experimental Marine Biology and Ecology. 195, 2, p. 237-249 13 p.

Estimating oxygen uptake rate from ventilation frequency in the reef fish *Sparisoma viride*

van Rooij, J. M. & Videler, J. J., 29-Feb-1996, In: Marine Ecology Progress Series. 132, 1-3, p. 31-41 11 p.

Behavioural energetics of the parrotfish *Sparisoma viride*: Flexibility in a coral reef setting

van Rooij, J. M., 1996, Groningen: s.n.. 245 p.

Ontogenetic, social, spatial and seasonal variations in condition of the reef herbivore *Sparisoma viride*

van Rooij, J. M., Bruggemann, J. H., Videler, J. J. & Breeman, A. M., Aug-1995, In: Marine Biology. 123, 2, p. 269-275 7 p.

Plastic growth of the herbivorous reef fish *Sparisoma viride*: field evidence for a trade-off between growth and reproduction

van Rooij, J. M., Bruggemann, J. H., Videler, J. J. & Breeman, A. M., 15-Jun-1995, In: Marine Ecology Progress Series. 122, 1-3, p. 93-105 13 p.

Single-copy DNA-DNA hybridizations among five species of *Laminaria* (Phaeophyceae): Phylogenetic and biogeographic implications

Stam, W. T., Bot, P. V. M., Boelebos, S. A., Van Rooij, J. M. & Van den Hoek, C., 1988, In: Helgolander meeresuntersuchungen. 42, 2, p. 251-267 17 p.

Activities

Wageningen University & Research (External organisation)

Rooij, van, J. (Member)

14-Apr-2015 → 20-Oct-2015