

Curriculum Vitae

Matthias Mahnke

Master of Science

Personal data



Date of birth 13.04.1975
Nationality German
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Work experience

04/2015 – present



rex-m, recirc expert MSc Matthias Mahnke (DEU)

Aquaculture Expert

- Services: Project concept, technical planning, project management
 - Unique RAS Design: Raceway Loops[®] rex-m, Circular Tank Twins[®] rex-m
 - Species: Sturgeon (Caviar), salmonids, perch-like fish, catfishes, carp
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11/2019 – present



Aquakultur Projektentwicklung GmbH (AUT)

Project Manager

- Planning: Evaluation, project concept, engineering
 - Management: Flow-through aquaculture projects, fish farm operation
 - Production: Rainbow trout, Arctic char, brook trout, brown trout, grayling
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12/2017 – 08/2019



Kasperskian AG (CHE)

Head of Production

- Management: Fish production, RAS, sewage plant, processing, HR, R&D
 - Production: Ovulated caviar of Siberian sturgeon and Russian sturgeon
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02/2013 – 03/2015



EMF Lebensmitteltechnik & Anlagenbau GmbH (DEU)

Aquaculture Project Engineer

- Project Aviation (NGA) → catfish and tilapia: Construction supervision
 - Standardized RAS: Project concept, detailed engineering
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03/2006 – 12/2012



United Food Technologies AG (DEU)

Fisheries Biologist

- Project AquaOrbis (DEU) → Caviar of Siberian sturgeon: Project planning, plant management, production management, staff training, R&D, consultancy
 - Project Emirates Aquatech (ARE) → Caviar of Siberian sturgeon: Project planning, site supervision, instruction, long duration fish transport
 - Project concept and basic engineering: Sturgeon (Caviar), salmonids, perch-like fish, standardized RAS modules
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05/2003 – 08/2005



Fischtechnik RAS (DEU)

Plant Manager

- Management: RAS, sewage plant, fish production, staff training, R&D
- Caviar Creator Manufaktur GmbH: Beluga, Siberian sturgeon, sterlet
- Aalfarm Domäne Voldagsen GbR: European eel

Academic qualifications

04/2003

Master of Science *Fishery science and Aquaculture* (A “excellent”)

01/2003

Diplom-Agraringenieur *Fischwirtschaft & Gewässerbewirtschaftung* (Note 1,4)

04/1997 - 04/2003

Master degree program & Diplomstudiengang



- Humboldt-University of Berlin
- Institute of Inland Fisheries Potsdam-Sacrow
- Leibniz-Institute of Fresh Water Ecologies and Inland Fisheries

Focus: Aquaculture, ichthyology, limnology, fisheries, fish pathology, protection of endangered species, water chemistry, economics, ecology, agriculture

Publications

KNOPF, K. & MAHNKE, M. (2004): Differences in susceptibility of the European eel (*Anguilla anguilla*) and the Japanese eel (*Anguilla japonica*) to the swim-bladder nematode *Anguillicola crassus*. *Parasitology* **129**, S. 491-496.

Special knowledge and interests

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| Computer | MS Office, AutoCAD LT, SketchUp |
| Language | German, English, Qualification in Latin |
| License | Driving license (B, C1), Electro-fishing-license, Forklift license |
| Hobby | Windsurfing, Snowboarding, Fishing, Mountain biking |

Professional training

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|------------------------|-----------------------------------|
| 2019, 2017, 2015, 2011 | NordicRAS workshop |
| 2010, 2008 | International Sturgeon Conference |
| 2010, 2007 | DLG RECIRC on tour |
| 2007 | Percid Workshop |
| 2005, 1998 | Internship rainbow trout |
| 2018, 2012 | Aqua |