

# Tom Jasper Langbehn

Villaveien 3 | 5007 Bergen | Norway | Phone: (+47)92145424 | Mail: tom.langbehn@uib.no

## PERSONAL DATA

<b>Name:</b>	Tom Jasper Langbehn	<b>Age:</b> 27 years	<b>Nationality:</b> German
<b>Profession:</b>	PhD candidate	<b>Affiliation:</b> University of Bergen, Department of Biology	

## EDUCATIONAL BACKGROUND

02/2016 – to date	<b>MARmaED - Marine Management and Ecosystem Dynamics under Climate Change (PhD)</b> The University of Bergen (Norway) Dep. of Biology, Committee: Associate Prof. PhD Christian Jørgensen, Prof. PhD Øyvind Fiksen, Associate Prof. PhD Øystein Varpe <u>Project:</u> <i>"Modelling limits to northward range shifts of marine organisms under climate warming"</i>
08/2016 - 08/2016	<b>IMBER ClimEco5 Summer School</b> Towards more resilient oceans: Predicting and projecting future changes in the ocean and their impacts on human societies
08/2016 - 08/2016	<b>Bergen Summer research School: Water, Climate &amp; Society</b> The ocean, climate and society, The University of Bergen (Norway)
10/2013 – 01/2016	<b>Graduate Programme Marine Biology (M.Sc.)</b> University of Bremen (Germany), Faculty 2 Biology/Chemistry, Supervisor: Prof. Dr. Wilhelm Hagen <u>M.Sc. thesis:</u> <i>"Feeding success in an extreme light environment: modelling seasonal prey encounter of Arctic fish"</i> (Thesis grade: <i>Excellent</i> 1.0, Final grade: <i>Excellent</i> 1.14)
08/2014 – 10/2015	<b>UNIS guest master student</b> , research secondment The University Centre in Svalbard (Norway), Dep. of Arctic Biology, Supervisor: Associate Prof. PhD Øystein Varpe
08/2014 - 09/2014	<b>Graduate Course Ecosystem-based Management of Arctic Marine Systems</b> The University Centre in Svalbard (Grade: <i>Excellent</i> A)
09/2009 - 02/2013	<b>International Degree Course in Environmental and Industrial Biology (B.Sc.)</b> University of Applied Sciences Bremen (Germany), Faculty 5 Nature and Engineering, Supervisor: Prof. Dr. Heiko Brunken, Prof. PhD Guðrún Marteinsdóttir (external) <u>B.Sc. thesis:</u> <i>"Morphological diversity in parr of Atlantic salmon (<i>Salmo salar</i> L.) in Iceland"</i> (Thesis grade: <i>Excellent</i> 1.0, Final grade: <i>Excellent</i> 1.2)
05/2012 - 07/2012	<b>Graduate Marine and Fisheries Sciences Summer Programme</b> University of Iceland (Grade: <i>First class with distinction</i> 10.0)
01/2012 - 05/2012	<b>Marine Academic Research in Iceland</b> , practical semester abroad University of Iceland, Institute of Biology, Supervisor: Prof. PhD Guðrún Marteinsdóttir <u>Project:</u> <i>"Impact of climate change on processes that influence survival of Atlantic cod eggs and larvae in Icelandic waters"</i>
08/2011 - 12/2011	<b>International Degree Course Ecology and Conservation</b> , study semester abroad Hedmark University College (Norway)
08/1995 – 07/2008	<b>Elmshorn Waldorfschool</b> Schleswig-Holstein (Germany), incl. a school exchange to Kimberton Waldorfschool, (USA) Graduation: Abitur (Final Grade: <i>Very Good</i> 1.6)

## CIVILIAN SERVICE

10/2008 – 06/ 2009	<b>Schutzstation-Wattenmeer e.V.</b> , National park guard in the German Wadden-Sea, Hörnum <u>Responsibilities:</u> coordinate and conduct various scientific monitoring programs, public outreach/environmental education, local coordination with nature conservation authorities, management of nature preserves (civilian service was extended by two internships 06/2009 - 08/2009 and 08/2008 - 09/2008)
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## PROFESSIONAL EXPERIENCE

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- 05/2015 – 07/2015 **Svalbard Wildlife Expeditions AS**  
Freelance tour guide
- 07/2014 & 11/2014 **Thünen Institute of Baltic Sea Fisheries**  
Assisting in net and acoustic sampling during fisheries research cruises
- 07/ 2012 - 02/2014 **BUND, Friends of the Earth Germany, Section Bremen**  
Contracted for service  
Project: “Development and evaluation of nature friendly methods of ditch clearance in FFH sites of high importance for the aquatic fauna”
- 08/2013 **EcoSURV.Hein - Angewandte Fisch- & Gewässerökologie**  
Freelance consultant, electrofishing survey
- 04/2013 - 06/2013 **ÖKOLOGIS Umweltanalyse + Landschaftsplanung GmbH**  
Freelance consultant  
Project: “Mapping selected breeding birds in the FFH-site Werderland”
- 2009 – 2011 **Bioconsult SH GmbH & Co. KG**  
Freelance consultant for sea bird at sea assessment, offshore maintenance of harbour porpoise detectors, radar image assessment for quantitative migratory bird counts

## ADVANCED TRAINING

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- 08/, 10/ & 11/2008 **Schutzstation- Wattenmeer e.V.**, National park Schleswig- Holstein Wadden Sea  
Seminars focusing on environmental didactics, intertidal ecology, teaching and environmental education, species identification, ecosystem processes and environmental law

## HONORARY ACTIVITIES

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- 2015 **bioCEED deputy student representative for the UNIS node**, The University Centre in Svalbard
- Since 2008 **Schutzstation-Wattenmeer e.V.**, Association for nature conservation
- 2013 - 2015 **Student representative M.Sc. Marine Biology (cohort 2013)**, University of Bremen
- 2013 - 2015 **Mammal study group**, Natural science association Bremen
- 2009 - 2014 **Fish ecology working group**, University of Applied Sciences Bremen

## PUBLICATIONS

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- Katzenberger, J., **Langbehn, T.** & Zacharias, D. (2013): Erstnachweis von *Hydrellia tarsata* (Diptera: Ephydriidae) für Bremen in Blüten von *Stratiodes aloides*. – Abhandlungen des Naturwissenschaftlichen Vereins zu Bremen 47 (1): 193-195.

## CONFERENCES & WORKSHOPS

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### Talk

- 09/2015 **YOUMARES 6 conference**; Bremen, Germany  
Langbehn T., Varpe Ø.: “Photoperiodic implications on range expansion in polar marine ecosystems”

### Poster

- 07/ 2016 **16th congress of the International Society for Behavioral Ecology**; Exeter, UK  
Langbehn T., Varpe Ø.: “Photoperiodic implications on visual foraging in polar marine ecosystems”
- 10/ 2015 **Trait-based Approaches to Ocean Life Workshop**; New Hampshire, USA  
Langbehn T., Varpe Ø.: “Visual search as a trait: consequences of sea-ice change in high latitude oceans”

### Attendance

- 05/2016 **ICES/PICES 6th Zooplankton Production Symposium**; Bergen, Norway
- 09/2013 **Annual conference of the International Wader Study Group**; Wilhelmshaven, Germany

### Session host

- 11/2016 **YOUMARES 7 conference**; Hamburg, Germany  
Langbehn T., Schoenle A.: Deep, dark and cold - Frontiers in polar and deep sea research

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## AWARDS AND ACHIEVEMENTS

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- 11/2015 **Poster award: Student choice and special mention**, IMBER ClimEco5 Summer School
- 04/2016 **MARUM Research Award for Marine Science**, Center for Marine Environmental Sciences of the University of Bremen
- 11/2015 **Best Speaker Award**, YOUMARES 6 conference
- 07/2011 **Best Student Poster**, Fisheries Ecology Summer school, University of Iceland

## SEAGOING EXPERIENCE

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Research based sea-going experience on board of research and commercial fishing vessels within the North Sea, the Baltic Sea, Icelandic waters, the Barents Sea and Arctic waters up to the marginal ice zone, including multiple day cruises

Responsibilities: On-board sampling of biological and genetic properties, otoliths extraction and analysis, offshore seabird counts and identification (Seabird-at-Sea), boat-based tracking and acoustic survey techniques of cetaceans

## PROGRAMMING & SOFTWARE SKILLS

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Experienced in mathematical modelling and statistical analysis in R, good knowledge and command of ArcGIS (56h certified online training), Inkscape, GIMP, Microsoft office and Ocean Data View

## LANGUAGES

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**German:** Native language  
**French:** Conversant

**English:** Fluent, both verbal and written (C1 – Level)  
**Norwegian:** Basic knowledge

## INTERESTS

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Cold water enthusiast, drawn to remote high latitudes, curious traveller (extended backpacking trips through Denmark, Sweden, Norway, Iceland, France, USA, New Zealand, Namibia, Botswana und South-Africa), Outdoor- and team sport (kayaking, diving, surfing, rock climbing, hiking, basketball), art and drawing, reading, ornithology