

Felix Butschek

1 Educational History

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| Oct 2017 – Present | University of the Azores & University IUAV of Venice <ul style="list-style-type: none">• MSc in Marine Spatial Planning• EACEA scholar• In-depth experience in GIS mapping, marine policy and management of maritime space |
| September 2012 – May 2016 | SAMS Scottish Association for Marine Science (SAMS), Oban, UK <ul style="list-style-type: none">• BSc First Honours in Marine Science with Arctic Studies• SAMS Council Prize for Academic Excellence• Competency in academic reading and writing; independent planning, execution and write-up of laboratory and field work |
| August 2014 - June 2015 | University Centre in Svalbard (UNIS), Longyearbyen, Norway <ul style="list-style-type: none">• Student on an EU Erasmus exchange scholarship• Competencies acquired in planning of field work, LaTeX and R scripting, use of 2&3D GIS software, geomorphological mapping and techniques in environmental management |
| 2014 – June 2016
2009-2011 | Scholar of the Society for Underwater Technology, UK
Lester B. Pearson College of the Pacific, Victoria, B.C. Canada <ul style="list-style-type: none">• Full scholarship student, 42/45 overall IB score• Communication skills developed through living and learning on a diverse, international campus |

2 Employment

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| May 2016 – April 2017 | European Our World-Underwater Rolex Scholar <ul style="list-style-type: none">• Global travel, interning and cooperation in underwater science and diving |
| May- June 2015 | Spitsbergen Travel, Longyearbyen, Norway <ul style="list-style-type: none">• Tourist guide in the Norwegian Arctic |
| Summers 2011- 2013 | Eisriesenwelt Werfen, Austria <ul style="list-style-type: none">• Guide in limestone ice caves |
| Sep 2011 - May 2012 | Seraphisches Liebeswerk Elisabethinum, Axams, Austria <ul style="list-style-type: none">• Caring for physically and mentally disabled children• Supervising children in sports and learning activities |

3 Work Experience

- August 2017 &
September 2018 Mesophotic Coral Ecosystem research expedition to Pohnpei, FSM
- Monitoring of coral bleaching and recovery from shallow to upper mesophotic depths at three sites of the Senyavin islands
- March 2017 Scientific diving, South Atlantic Environmental Research Institute
- Participant in a remote diving expedition to West Falkland
 - Processing of quadrant data
- January 2017 Scientific intern, Huinay Field Station, Chile
- Diving support of cold-water coral research
 - Independent measuring of chemical and physical seawater properties
 - 3d photogrammetric reconstructions of keystone species
- September 2016 Intern with the Swinomish fisheries management, Washington State
- Shellfish surveys for species density and stock assessments
- June 2014 Intern with the Department of Biogeochemistry, SAMS, Oban, UK
- Volunteer in a marine geological research project
 - Visual and geophysical logging of marine sediments with research grade lab equipment
- May-June 2011 Volunteer at Race Rocks ecological reserve, British Columbia, Canada
- Experience in seawater sampling, bird and mammal census

4 Training and professional development

- October 2016 HSE Scuba Part IV commercial & scientific diver training, Oban, UK
- Familiarization with UK Diving at Work Regulations (DWR), Approved Codes of Practice (ACOPs) and full-face masks
- July 2016 Diver Medic Technician Course, DDRC Plymouth, UK
- Training in advanced emergency response to diving accidents and injuries for deep-field operations in remote environments
- May 2016 SCUBA Instructor Course, Castlegregory, Ireland
- January 2016 NERC training (ATC) in underwater photogrammetry, Oban UK
- Development of photographic skills for 3d reconstructions
 - Familiarization with software solutions to quantify volumetric and biological data from 3d models
- July 2015 GLANAM workshop on Arctic Ice Sheets, Longyearbyen, Norway
- Glaciated North Atlantic Margins
 - Fieldwork in geomorphological mapping and interpretation of glacial landforms
- Jan 2015 UNIS Arctic Safety & survival course, Longyearbyen, Norway
- Nov 2014 SUT Seminar in Offshore Site Investigation, BGS Edinburgh, UK
- July-Nov 2013 Scientific diving course under German regulations, AWI Germany

