

MISHAL COHEN, PhD Marine Biologist

Profile: Passionate marine biologist having worked in both the scientific and the corporate field. My experience begun 12 years ago, covers 7 countries and allowed me to develop a broad international network and the taste for languages. Feeling comfortable within changing enviornments, I can naturally inquire about new topics and develop strategies to manage projects in an organised and effective manner.

CAREER SUMMARY

Dec06-Mar08
junior re-
searcher (BSc
project)

Feb-Jul08 taxonomy assistant Aug08-Jun09 administrative assistant (fishing company)

Feb-Jun12 research internship (MSc project) Oct12-Jun18
doctoral researcher (PhD project & research stay at NIOZ-Yerseke)

Jan20-Jul21 postdoctoral researcher

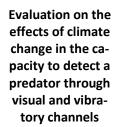
Macroinvertebrate ecological survey Species curation

Solid waste management & quality control Evaluation on the effects of climate change on fertilization





Evaluation on the hydrodynamic resistance to flow under current and climate change conditions through physiology, biomechanics and behaviour







Jan '20 – Jul '21







EDUCATIONAL BACKGROUND

Post-doctoral position, 18 months – IFREMER Plouzané, France

Oct '12 – Jun '18	PhD in Science - Université de Mons, Belgium
Sept '11 – Jul '12	2 nd year Master in Functioning and Management of Marine Ecosystems. <u>Ranking: 2nd/21</u> - Université du Littoral Côte d'Opale, <i>France</i>
Sept '10 – May '11	1 st year Master in Marine Ecology and Oceanography – Université de la Méditerranée, <i>France</i>
Mar – Jul '09	Multidisciplinary Diploma on Biodiversity Management. Ranking: $2^{nd}/18$ - Universidad Mayor de San Marcos, <i>Peru</i>
2003 - 2008	Bachelor in Marine Biology - Universidad Jorge Tadeo Lozano, Colombia

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Additional training

- Training course on animal experimentation, 2 weeks, ONIRIS, France
- Course on climate change in the marine realm, 2 weeks, AWI, Germany
- Experimental design and optimization of q-PCR, 1 day, ULB HelSci, Belgium
 - Initiation to R software, 1 day, ULB HelSci, Belgium
- Workshop on multiple stressors on marine biota, 3 days, University of Tasmania
 - Dangerous products, 1 day, UMons
 - Course on fish taxonomy, 90h, Universidad del Magdalena, Colombia

TECHNICAL SKILLS and KNOW-HOW

Techniques and practises

larvae, juvenile and adult husbandry, spawning induction, *ex-situ* fertilization, histology, taxonomy, micro-alkalinity, respirometry, ARN-seq and Gene Ontology biostatistic analysis, ARN extraction, RT-qPCR, electrophoresis, spectrophotometry, flume-tank and flowmeter functioning, tracking, linear stat, circular stat

Software

R, Galaxy-Datarmor, Systat, Primer, Stat graphics, DanioVision, IC Capture, ImageJ, MTrackJ, Photoshop, Illustrator, Microsoft Office, Outlook

Diving

Advanced scuba diver (PADI, 2006) with 200 immersions. *Speciality*: depths, currents, rescue, fish identification, photography

Open water (NAUI, 2001)

Languages

According with the Common European Framework of Reference for Languages:

native speaker
proficient user: C2
proficient user: C1-C2
basic user: A2

basic user: A1

understanding only: B1-B2

KEY OUTCOMES

- 2 book chapters in 1 book
- 5 research articles as first author
- 1 research article as secondary author
- 2 data articles
- 3 research articles in preparation from the postdoctoral position
- a Colombian biodiversity report

SOME NUMBERS

- 16 regional and (inter)national conferences
- 8 oral presentations in 3 languages
- 4 poster presentations
- Professional activity in 8 countries

PERSONAL INTERESTS

trekking, climbing, free diving, photography, contemporary art, art crafts, traditional weaving, carpentry, singing

VOLUNTEERING ACTIVITIES

environmental education sessions for children, international days of Peace, animation in art craft workshops for the DIY day, time-share in an orphanage, goat farming, fabrication of public use wooden tables

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