









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 environments, I can naturally inquire about new topics and develop strategies to manage projects in an organised and effective manner.

CAREER SUMMARY

<i>Dec06-Mar08</i> junior re- searcher (BSc project)	<i>Feb-Jul08</i> taxonomy assistant	<i>Aug08-Jun09</i> administrative assistant (fish- ing company)	<i>Feb-Jun12</i> research in- ternship (MSc project)	<i>Oct12-Jun18</i> doctoral researcher (PhD pro- ject & research stay at NIOZ- Yerseke)	<i>Jan20-Jul21</i> postdoctoral researcher
Macroinver- tebrate eco- logical survey	Species curation	Solid waste manage- ment & quality con- trol	Evaluation on the effects of climate change on fertilization	Evaluation on the hydrody- namic resistance to flow un- der current and climate change conditions through physiology, biomechanics and behaviour	Evaluation on the effects of climate change in the ca- pacity to detect a predator through visual and vibra- tory channels
					

EDUCATIONAL BACKGROUND

Jan '20 – Jul '21	Post-doctoral position, 18 months – IFREMER Plouzané, <i>France</i>
Oct '12 – Jun '18	PhD in Science - Université de Mons, <i>Belgium</i>
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. <u>Ranking: 2nd/18</u> - Universidad Mayor de San Marcos, <i>Peru</i>
2003 - 2008	Bachelor in Marine Biology - Universidad Jorge Tadeo Lozano, <i>Colombia</i>

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 practices

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