

## CURRICULUM VITAE

### PERSONAL DETAILS

Name: Fabio  
Family name: Grati  
Date and Place of Birth: 28 September 1968, Ancona (Italy)  
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### RESEARCH INSTITUTE

National Council of Research (CNR) – Institute of Marine Science (ISMAR)  
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### UNIVERSITY DEGREE

1997 MSc Degree in Natural Science (22/03/97; orientation *Marine Biology and Oceanography*) at the University of Trieste (Italy), discussing the thesis: “Study of the gill and trammel net selectivity in the Adriatic Sea” carried out under the supervision of Dr. Gianna Fabi at the Department of *Artificial Reefs and Aquaculture* of CNR-ISMAR of Ancona (Italy) and “Measure of the technical features of fishing nets” carried out under the supervision of Dr. Loris Fiorentini at the Department of *Technology of fishing gears* of CNR-ISMAR of Ancona (Italy).

### COMPETENCES

- ?? Artificial Reefs: experimental mariculture in ARs (Seabreams *Sparus aurata*, Lobsters *Homarus gammarus*, Oysters *Ostrea edulis*, Mussels *Mytilus galloprovincialis*, Common Piddocks *Pholas dactylus*), tag-recapture with tagged juveniles of sea-bass *Dicentrarchus labrax*, study of fish and benthic organisms associated to ARs, underwater *visual census*, underwater sampling (suction sampler, quadrat sampling).
- ?? Artisanal fisheries.
- ?? Monitoring of the impact on the environment of Gas Platforms in the Adriatic Sea.
- ?? Statistic treatment.
- ?? GIS.
- ?? Hard and Soft Corals propagation (*Acropora*, *Pocillopora*, *Sarcophyton*, *Simularia*, *Xenia*, *Arthelia*) in aquarium.

### PROFESSIONAL EMPLOYMENTS

2002 – 06 4-years Research Contract at the CNR-ISMAR of Ancona with the following Re-

- search Program: "Assessment of the impact of artificial structures on the fish communities".
- 2000 - 01 Winner of the Research Contract N.126.30.AS.3 conferred by the CNR-ISMAR of Ancona on the Research Project: "Study on the mixed-species catches of the rapido trawl fishery along the Italian coasts".
- 1999 Renewal of the Scholarship N. 228.16.16 code 28.16.16 conferred by the CNR-ISMAR of Ancona on the theme: "Attrezzi della piccola pesca utilizzati in funzione della successione stagionale e dell'eco-etologia delle specie ittiche in due aree costiere (Tirreno settentrionale e medio Adriatico)"
- 1998 Winner of the Scholarship N. 228.16.16 code 28.16.16 conferred by the CNR-ISMAR of Ancona on the theme "Colonisation of *Pholas dactylus* on artificial substrates".
- 1992 - 97 Volunteer at CNR-ISMAR of Ancona.

### TEACHING ACTIVITY

- 1997 Course for Authorized Sailor: elements of biology of marine animals of the Mediterranean Sea important for the alimentation and the commerce.
- 1998 Co-examiner in the Degree Thesis: "Osservazioni sull'alimentazione di *Umbrina cirrosa* (L.) in una barriera artificiale del medio Adriatico", carried out at the department of *Artificial Reefs and Aquaculture* of CNR-ISMAR of Ancona by Dr. Elena Camilletti, Degree in Biological Science, University of Ancona.
- 1999 Course of marine biology for scuba diver instructors organized by Komaros Sub of Ancona: ecosystems and systematic of marine organisms of the Adriatic Sea.
- 2000 N. 3 courses for the Coast Guard Officers: management of the coastal area.  
Co-examiner in the Degree Thesis: "Analisi delle catture di reti ad imbrocco utilizzate in medio Adriatico per la pesca di *Solea vulgaris* (Quensel, 1806)", carried out at the department of *Artificial Reefs and Aquaculture* of CNR-ISMAR of Ancona by Dr. Pierpaolo Consoli, Degree in Biological Science, University of Ancona.
- 2001 N. 3 courses for the Coast Guard Officers: management of the coastal area.  
Co-examiner in the Degree Thesis: "Pesca al traino con rapidi in medio Adriatico: analisi delle catture commerciali", carried out at the department of *Artificial Reefs and Aquaculture* of CNR-ISMAR of Ancona by Dr. Elisabetta De Chiara, Degree in Biological Science, University of Ancona.

### LANGUAGES

- Italian:** native language  
**English:** fluent  
**French:** basic

### COMPUTER SKILLS

MS Office, Corel Draw, Adobe Photoshop, GIS (ArcView), Statistica, Constat Selectivity (Gillnet, CC 2000, ECModel), Internet.

## MISCELLANEOUS

- ?? Diver 2\* CMAS (= Advanced, PADI), more than 500 professional dives in the Adriatic Sea and more than 250 recreational dives in tropical waters.
- ?? Nitrox 32-40 certificate (TDI, basic nitrox).
- ?? Collaboration in the web-site Mondomarino ([www.mondomarino.it](http://www.mondomarino.it)) as Marine Biologist and Photographer.
- ?? Nautical licence.
- ?? Driving licence.
- ?? Member of the Italian Marine Biology Society (SIBM).
- ?? Member of the International Biometric Society (IBS).
- ?? Course on "Statistics in Biological Research" organised by the Italian Biometric Society (SIB), the Institute of Clinical Physiology CNR of Pisa and the Department of Statistics "G. Paolucci" of the University of Florence; Marina di Massa, 7-19 March 2005, for a total of 89 hours of lesson.
- ?? Reef aquarist (Berlin method) with a good experience on growing and propagating (using epoxy resins) hard and soft reef corals.

## BEST 10 SCIENTIFIC PUBLICATIONS

- Fabi G., **Grati F.**, Scarcella G. In press. Spatio-temporal variations in the fish assemblage around a gas platform in the northern Adriatic Sea. *Bulletin of Marine Science*.
- Fabi G., Ausili S., Campanelli A., De Biasi A., Fornasiero P., **Grati F.**, Grilli F., Marini M., Panfili M., Puletti M., Scarcella G., Spagnolo A. 2004. Evaluation of the ecological impact of gas platforms in the Adriatic Sea. *Oceans III Millennium – II International Congress on marine science and technology*. April 22-25, 2003. Alicante, Spain: 127-139.
- Fabi G., **Grati F.**, Puletti M., Scarcella G. 2004. Effects on fish community induced by the installation of two gas platforms (Adriatic sea). *Marine Ecology Progress Series*. 273: 187 – 197.
- Fabi G., Sartor P., **Grati F.**, Carpentieri P. 2004. Fishing capacity and fishing activity of four "rapido" trawl fleets along the Italian coasts. *Rapport de la Commission Internationale pour la Mer Méditerranée*, **37**: 351.
- Grati F.**, Fabi G., Scarcella G. 2004. Retention and discarding for sole gillnet fishery in the Adriatic Sea. *Rapport de la Commission Internationale pour la Mer Méditerranée*, **37**: 369.
- Fabi G., **Grati F.**, Lucchetti A., Trovarelli L. 2002. Evolution of the fish assemblage around a gas platform in the northern Adriatic sea. *ICES Journal of Marine Science*, **59**: 309-315.
- Fabi G., Sbrana M., Biagi F., **Grati F.**, Leonori I., Sartor P. 2002. Trammel and gill net selectivity for *Lithognathus mormyrus* (L., 1758), *Diplodus annularis* (L., 1758) and *Mullus barbatus* (L., 1758) in the Adriatic and the Ligurian seas. *Fisheries Research* **54**(3): 375-388.
- Fabi G., **Grati F.**, Luccarini F., Panfili M. 1999. Indicazioni per la gestione razionale di una barriera artificiale: studio dell'evoluzione del popolamento necto-bentónico. *Biologia Marina Mediterranea*, **6**(1): 81-89.
- Bombace G., Fabi G., **Grati F.**, Spagnolo A. 1998. Tecnologie per l'allevamento in mare aperto di *Sparus aurata* in medio Adriatico. *Biologia Marina Mediterranea*, **5**(1): 439-449.
- Bombace G., Fabi G., Fiorentini L., **Grati F.**, Panfili M., Spagnolo A. 1998. Maricoltura associata a barriere artificiali. *Biologia Marina Mediterranea*, **5**(3): 1773-1782.

Ancona, February 2006

Fabio Grati