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| Name, Surname | Gobert, Sylvie | sylvie.gobert@uliege.be |
| Date of birth | 3 février 1967 | |
| Place of birth | La Hestre | |
| Residence | 85 rue Rogivaux, B4040 Herstal, Belgium | |
| Citizenship | belgian | |

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| Current employment | Head of the Laboratory for Oceanology (ULg) Full Professor |
| Address | Laboratory for Oceanology, B6c Sart Tilman B4000 Liege, Belgium |
| Diploma | Master in Animal Biology, Master in Oceanography, PhD in Sciences (2002) High Honours <i>cum Laude</i> |

1. Main research fields

Study of marine ecosystems:

-The understanding of their interactions with the chemical and physical environment,
-The effects of human activities on the organisms
are the field of my research.

Five main axis:

1. Spatio-temporal variations in marine ecosystems from plankton to marine mammals, effects of anthropogenic activities on systems;
2. Measurement of trace element concentrations for the detection of pollution and their effects on marine organisms;
3. Measurement of nutrient levels for pollution detection and of eutrophication on marine environments;
4. Definition of ecosystem status and development of tools and indices for the marine environment management;
5. Development of *in situ* experiments, measurements and sampling techniques in diving for biological oceanography.

Field marine lab. development:

-Stimulation, development of collaborations between the marine Departments in ULiege and overseas for projects carried out from the STARESO research station;
- Coordination, for the ULiege, of the project STARECAPMED : a multidisciplinary program to establish a long-term study site for understanding, through basic research, the processes of evolution of coastal Mediterranean ecosystems in response to current changes, local and global, anthropogenic pressures

2. Publications

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| 1. Book Chapters | 4 with 3 as first or last author |
| 2. International articles in peer reviewed academic journals | 68 with 32 as first or last author |
| 3. Conference and congress | more than 75 |
| 4. Expert reports | more than 65 |

Google Scholar: H: 24 1700 citations

Detailed list of publications: <http://orbi.ulg.ac.be/ph-search?uid=U028440>

3. Teaching (ULg) Holder

- [BIOL2036-1](#) Mesures de la biodiversité animale et applications
- [ENVT0057-1](#) Eléments d'écotoxicologie aquatique
- partim eaux douces
 - partim marine
- [ENVT2022-1](#) Biologie marine, gestion des ressources halieutiques en eaux marines
- [OCEA0001-3](#) Océanologie et biologie sous-marine
- [OCEA0019-1](#) Océanographie biologique
- [OCEA0049-1](#) Océanographie pélagique
- [OCEA0050-1](#) Ecologie du benthos méditerranéen
- [OCEA0053-1](#) Etude des océans et gestion du littoral
- [OCEA0056-1](#) Marine Plant Biology and Ecology
- Marine phanerogames ecology
 - Techniques of sampling in marine ecology
- [OCEA0057-7](#) Marine Ecology
- Marine ecology
 - Introduction to marine ecosystems modelling
- [OCEA0088-1](#) Marine ecology
- [OCEA0091-1](#) Approche méthodologique de la pratique en océanographie
- [OCEA0094-1](#) Marine phanerogames ecology
- [OCEA0160-1](#) Techniques of sampling in marine ecology
- [OCEA0161-1](#) Plongée sous-marine scientifique
- [OCEA0222-1](#) Introduction à la biologie marine et à l'océanographie biologique

* MER : Marine Environment and Ressources

Abroad :

Université de Corse

Invited Lecturer : Master GILE (Gestion intégré du littoral et de l'environnement), M1GIUE2-UE2 : Connaissance du milieu (Océanographie et Biologie marine). October 2006 and November 2007

International Postgraduate Course

Research in Marine Environment and ressources (RiMER), invited lecturer, 2014. Basque Country, Spain.

Research in Marine Environment and ressources (RiMER), invited lecturer, 2016. Basque Country, Spain

Student supervision :

Supervision and Co-Supervision of Bachelors and Master : more than 80 students.

Invited member of the jury for PhD evaluation : more than 12.

Supervision of PhD fellows more than 15 and 3 Post-Doc fellow

4. Research programs, examples.

- CEE, STEP-CT 90-0063-C (DSCN). (Science and Technology for Environmental Protection; Elements stocks and fluxes in *Posidonia oceanica* ecosystem of the Mediterranean). (1992-1993).
- ARC : 97/02-212. Interactions sous contrainte hydrodynamique, entre chaînes trophiques pélagique et benthique en zone côtière. Etude et modélisation des processus physiques et écologiques de contrôle d'un site Méditerranéen (1996-2002)
- SSTC MN/12/50 North Sea seabirds and Marine mammals : pathology and ecotoxicology (1997-2001)
- SSTC EV:XX/806 Viability of the Northeast Atlantic harbour porpoise and harbour seal populations (2003-2004).
- SSTC EV/12/46A Viability of the Northeast Atlantic harbour porpoise and harbour seal populations (genetic and ecological study) (2003-2006).
- CEE, NOMATEC. Development of non-degrading novel marine technologies for sustainable exploitation and protection of Mediterranean marine resources (EVK3-2000-00602) (2000-2004).
- FRFC 2.4570.97 Le cycle de l'azote dans un milieu marin oligotrophe côtier (1997-2002)
- FRFC 2.4569.03. Réponses des herbiers à *P. oceanica* aux activités anthropiques : biodiversité de la biocénose épigée, vitalité et teneur en micropolluants des pousses (2003-2006).
- ARC RACE (05/10-333) Rapid Assessment of the Marine Coastal Environment (2005-2010).
- FRFC 2.4.624.05.F ; Définition des niveaux et des effets de la contamination en éléments traces sur les écosystèmes marins suite à l'évolution récente de leur utilisation par l'activité humaine (Achat d'un ICP-MS avec passeur d'échantillons, ELAN DCR II (190424 euros))+ demande de crédit gros équipement.
- BeNCoRe, Belgian Network for Coastal Research.
- EUR-OCEANS (European Network of Excellence for Ocean Ecosystems Analysis).
- FRFC 2.4.594.07.F. Importance des symbioses microbiennes dans les milieux extrêmes réducteurs : caractérisation de la faune associée aux bois coulés en milieu bathyal (2007-2010)
- DCE (Directive Cadre Eau) Expert benthos, Phanérogame marine avec l'agence de l'eau-Ifremer-STARESO 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012.
- FRFC 2.4.502.08. Détection précoce de l'impact de l'eutrophisation et de la pollution par les éléments traces sur les écosystèmes marins méditerranéens (2008-2011).
- FRFC 2.4.511.09.F Implications des accumulations de litière de posidonies et des communautés microbiennes et détritivores associées dans le cycle du carbone d'un milieu marin côtier oligotrophe (2009-2012).
- FRFC : 2.4589.10 Etude des réseaux trophiques associés aux accumulations de litières des herbiers à posidonies par mesures des rapports isotopiques du carbone et de l'azote de composés spécifiques (GC-IRMS).
- Fondation pour la Recherche sur la Biodiversité (FRB): Connectivité Terre-Eau : importance des apports terrestres dans le maintien de la biodiversité en crustacés et poissons des rivières antillaises (COTEAU).
- STARECAPMED : STation of Reference and rEsearch on Change of local and global Anthropogenic Pressures on Mediterranean Ecosystems Drifts. Stareso-ULg- Ifremer –Agence de l'eau. (2010-2016)
- COST : « Seagrass productivity: from genes to ecosystem". Management Committee Member (2010-2011-2012-2013)
- Surveillance des eaux françaises de Méditerranée IFREMER- Agence de l'eau-Onema. Mise au point pour la surveillance chimique et biologique (2004-2007).
- Expériences pour la mise en place de système de référence en vue de la surveillance des éléments traces en Méditerranée.
- CEE MedSea : Mediterranean Sea Acidification in a changing climate, Framework Program 7. 2011-2012. Mesocosm Experiments Effect of ocean acidification and temperature on pelagic ecosystem functioning of the Mediterranean
- Cartographie de la pollution le long des côtes anglaises et en Manche, Porthmouth (2014) *Nereis sp.*
- Etude des propriétés mécaniques des feuilles des phanérogames marines (Netherlands) (Portugal) 2014 au NIOZ.
- TRANSPOLMED (2014-2016) TRANSferts of microPOLutants from sand to trophic food chains in the Mediterranean coastal areas.
- MARINE MAMMALS Science education European Commission H2020-SEAC-2015-1 (2016-2019) - Coordination and support action CSA. "Using marine mammals for making science education and science careers attractive for young people" (Germany, Belgium, Poland, Denmark, Sweden, Poland).
- I3D Influence of 3-dimensional currents induced by a submarine canyon into a coastal ecosystem: focus on the Bay of Calvi (north- western Mediterranean Sea). n° 29119979- FNRS.
- ISLAND SEA Integrated study on the land-sea continuum: the use-case study of Bay of Calvi.

-Création d'un partenariat scientifique multidisciplinaire transatlantique visant à renforcer la recherche et son financement, et l'enrichissement de l'offre pédagogique en matière de continuum rivière-océan commission mixte Wallonie/Québec.

5. Grants and Awards

National

- *Fellowship « Fondation Docquier » 1991-1992.
- *Fellowship « Fondation Docquier » 1992-1993.
- *Laureat of the contest des bourses de voyage, (80%) Etat physiologique et contamination en métaux lourds des moules le long du littoral belge. (1991).
- *Laureat « IRMA » mention: "Very good", Etat physiologique et contamination en métaux lourds des moules le long du littoral belge. (1993).

International

- *MAST Advance Study Course, Barcelone July 1999 on Mediterranean System.
- *Lucia Mazzella Awards International Seagrass Biology Workshop 2000.
- *Nomination for the best oral presentation 2015 Mediterranean Seagrass Workshop

6. International conference organisation

- *Organisation of the European Intensive Marine course: "Marine mammals, seabirds, and pollution systems" du 29 juin au 2 juillet (1993) in Belgium
- *Organisation of the symposium: "Les cachalots de la mer du Nord, un an après." du 16-18 novembre (1995) in Belgium
- *Organisation of the Training School on seagrass productivity within COST Action ES0906 10 au 19 novembre 2011, in Corsica (19 participants from 9 countries)
- *Organisation of the Workshop « *Cumulative impact of stressors on Posidonia oceanica food web* », du 2 au 4 octobre 2013, at STARESO (15 participants from 7 countries)
- *Organisation of the 28th edition of the l'European Ceatacean Society 5 - 9 april 2014, in Belgium (350 participants).

7. Community Work at the University

- *Scientific staff representative at the Science Faculty from 1998 to 2014.
- *Secretary of the Scientific staff representative at the Science Faculty from 2004 to 2010.
- *Coordinator of the Master in Oceanography
- *President of the Liaison Comitee between ULg and STARESO (depuis 2000)
- *Development of the folder: Master in Oceanography (each edition since 2008)
- *Board Member of the University of Liege as representative of the Scientific staff (2009-2013)
- *Member of the Scientific Research Council (since 2010)
- *President of the board studies (Master in Oceanography)
- *President of the teaching department BEE

8. Foundation

2006. Member of Scientific commission the Fondation Recherche Océanographique et Sous-marine 2013. President since 2014.

9. Others

- *More than 600 scientific divers, more than 150 training divers with students,
- *Chairman at the International Seagrass Biology Workshop, session 17 : Physiology. Towsville October 2004.
- *Benthos Expert for the WFD CEE, (french coastal waters). Invitation : Paris (France) 2004 and 2005.
- * Member of the scientific committee for the « Mediterranean Seagrass Workshop » June 2006, Malta.
- *Member du « World Seagrass Research Association »
- *Chairman au Mediterranean Seagrass Workshop, Malta, June 2006
- *Scientific consultant (2006) of the “Observatoire de l’Environnement, volet marin” DIREN and for the « Office de l’environnement (Corse) ».
- *Member of the scientific committee for the « Mediterranean Seagrass Workshop » September 2009, Croatia
- Expert-evaluator for the Hydralab IV (7 Framework Programme) 2011.
- *Evaluator for the FNRS (2012)
- *Advance Belgian Scientific Diver (Since 2012) ; Certificat Classe 1BEQ/INPP-202/17-1B (2017).
- *Member of the scientific committee for the 1er International Congress on Biodiversity et les Zones Humides, 1stCIBZH, May 2014, El-Tarf (Algérie)
- *Chairman at the Round table : Challenges for Biodiversity Conservation and Management
- *Chairman of the Oral Session at the workshop : Seagrasses in Europe : Threats, Responses and Management March 4-6 Olhao, Portugal
- *Participation as a teacher to the Concours CORSICA since 2009.
- *Board member for the organisation of the Concours CORSICA since 2011.
- *Member of the scientific committee for the « Mediterranean Seagrass Workshop » June 2015
- *Reviewer for the journals: BASE : Biotechnologie Agronomie Société Environnement, Chemosphère Environmental Pollution, Estuaries and Coasts, Estuarine, Coastal and Shelf Science, Journal of Ecosystem and Oceanography, Marine Ecology Progress Series, Marine Pollution Bulletin, Marine Environmental Research, Marine Ecology, Marine Biology, Saline Systems, Plant Cell Tissue Organ Culture...