



# Laure Thierry de Ville d'Avray

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Birth: June 3rd, 1989. Citizenship: French.

## Current position

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### PhD candidate

*Aix-Marseille University (AMU), IMBE, GREQAM*

Advisors: Jean-Pierre Féral, Dominique Ami, Anne Chenuil.

Thesis title: Identification and economic valuation ecosystem services provided by coralligenous habitats

**Research Interests:** Marine ecology, Ecosystem services

**Marseille, France**

2014–2017

## Education

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### Master 2 in Oceanography, speciality in marine biology and ecology

*Aix-Marseille University*

**Marseille, France**

2013–2014

### Engineer in agronomy, speciality in agroecology

*Institut Polytechnique LaSalle Beauvais*

**Beauvais, France**

2007–2012

### Erasmus in Environmental Sciences

*Wageningen University*

**Wageningen, Netherlands**

2011

### French Baccalaureate

*Lycée Saint-Erembert*

**Saint-Germain en Laye, France**

2007

## Major experiences

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### Master 2 Research internship.

*IMBE (Institut Méditerranéen de Biodiversité et Ecologie), Cigesmed program.*

Research on relevant metrics to evaluate coralligenous habitats status.

**Marseille, France**

2014

### Chargée de mission.

*Conservatoire d'Espaces Naturels du Limousin, Natura 2000.*

Animatrice du site Natura 2000 de la Vallée du Taurion.

**Limoges, France**

2013

### Final engineer internship.

*Conservatoire d'Espaces Naturels du Limousin, Natura 2000.*

Project of extension of the Natura 2000 site "Vallée de la Gartempe".

**Limoges, France**

2012

### Research internship.

*Austrop (Australian Tropical research station*

Research on invasive species of palm trees

**Cape tribulation, Australia**

2009

## Working papers & research projects

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**Working paper:** Application of the ecosystem service concept to a local-scale: the cases of coralligenous habitats in the North-western Mediterranean Sea. (*Joint with Dominique Ami, Anne Chenuil, Romain David, Jean-Pierre Féral,* )

**Short abstract:** Coralligenous habitats are main contributors of the Mediterranean marine biodiversity. This study presents a local-scale spatial approach to establish a connection between the coralligenous habitats and the services they actually provide. To address this issue, we collected the opinions of 43 experts for using interviews, an online questionnaire and workshops. This work validated 10 services such as "food", "diving sites", "research and inspiration". Knowledge gaps were identified especially concerning the regulating services.

**Work in progress:** People preferences on ecosystem services provided by coralligenous habitats with regards to the impact of information (*Joint with Dominique Ami, Frédéric Aprahmian, Anne Chenuil, Jean-Pierre Féral*)

**Short abstract:** Coralligenous habitats are coastal marine ecosystems quite unfamiliar to layperson which makes it difficult to assess their economic value. We investigated willingness to pay (WTP) for a bundle of services provided by coralligenous habitats with special attention to the impact on WTP of initial knowledge and given information. A preliminary public survey was carried out amongst 100 respondents who expressed their individual preferences about five attributes through a discrete choice experiment including a test of their initial knowledge. We observed a significant difference of WTP according to initial levels of knowledge about the good.

**Work in progress:** Diving activity on coralligenous habitats of Marseille's bay (*Joint with Dominique Ami, Frédéric Aprahmian, Anne Chenuil, Jean-Pierre Féral*)

**Short abstract:** Coralligenous habitats are supposed to be the most visited natural habitats by scuba divers in the Mediterranean sea. We studied the diving activity of a dozen of diving structures in the region of Marseille (France) in order to study the preferences of divers for diving spots characteristics. Our work is based on the declaration of diving activities made by compliant diving structures.

## Research Events

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### Main communications in international conferences.....

<b>International conference on ecological sciences</b> <i>Sfécologie</i>	<b>Marseille, France</b> October 24 <sup>th</sup> -28 <sup>th</sup> 2016
<b>Mediterranean Integrated Studies at Regional And Local Scales</b> <i>MISTRALS program</i>	<b>Marseille, France</b> October 20 <sup>th</sup> -22 <sup>th</sup> 2015
<b>Our common future under climate change</b> <i>UNESCO</i>	<b>Paris, France</b> July 7 <sup>th</sup> -10 <sup>th</sup> 2015
<b>Food security and biodiversity</b> <i>CNRS InEE WGL</i>	<b>Aix-En-Provence, France</b> October 29 <sup>th</sup> -30 <sup>th</sup> 2015

### Main attendance to workshops.....

<b>Evaluation française des écosystèmes et des services écosystémiques</b> <i>EFESE-Mer</i>	<b>Marseille, France</b> February 4 <sup>th</sup> 2016
<b>Marine ecosystem services</b> <i>MERMEX, LOV, AFEER</i>	<b>Villefranche, France</b> November 26 <sup>th</sup> 2015

**Cigesmed Assembly***CIGESMED Program***Mytilène, Greece***May 2016***Non market valuation***AMSE***Aix-En-Provence, France***June 2014***Main Winter/Summer Schools**.....**Stated preference methods, state of the art modelling***Swedish University of Agricultural Sciences,***Umea, Sweden***May 8<sup>th</sup>- 12<sup>th</sup> 2017***Statistics with R***AMU-IMBE, MedNet***Barcelonnette, France***May 15<sup>th</sup>- 19<sup>th</sup> 2017***Marine ecosystem services, management and governance***DEVOTES, AZTI***San Sebastian, Spain***June 6<sup>th</sup>- 9<sup>th</sup> 2016***InVEST (Integrated Valuation of Ecosystem Services and Trade-offs)***University of Padua, TESAF***San Vito, Italy***September 7<sup>th</sup>- 11<sup>th</sup> 2015***Expertise flore marine***CNRS, UPMC, Station biologique de Roscoff***Roscoff, France***July 8<sup>th</sup>- 27<sup>th</sup> 2013***Organisation of research events**.....**22eme Congrès des Doctorants en Sciences de l'Environnement***Ecole doctorale en sciences de l'environnement 251***Cassis, France***April 21<sup>th</sup>- 22<sup>th</sup> 2015***Skills**

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**Languages:** French (Native), English (Fluent, TOEIC 915), Spanish (Intermediary)**Software:** R, Access, LimeSurvey, ArcGIS, QGIS, Photoquad**Office Support:** L<sup>A</sup>T<sub>E</sub>X, Microsoft Office**Licenses:** Driving (permis B), Boating (high-sea), Professional diving (class II B), Recreational diving (CMAS diving instructor), Animation (BAFA)