

## RECRUITMENT NOTICE / RESEARCH AND TEACHING:

### Senior Chair: "Coastal Risks"



**La Rochelle Université is launching a call for proposals for a "Senior Chair" in the framework of the ExcellLR project.** This call is open to researchers wishing to join the institution, and aims to enable them to **develop autonomously a project by giving them the opportunity to express their capacity for exploratory research and innovation.**

**The objective is to recruit a high-level scientist who proposes a research project on the scientific theme of "Coastal risks".**

- **Presentation of the university**

In a higher education and research landscape that has been profoundly reshaped for more than a decade, La Rochelle Université has chosen to structure its research around a thematic by positioning its scientific and academic strengths on societal and environmental issues. This approach has led to the creation of a teaching and research institute called the LUDI Institute, SmUCS in English (Smart Urban Coastal sustainability), operational since the 1<sup>st</sup> September 2021. Bringing together all the laboratories, all the PhD students and most of the institution's masters programmes. This institute aims to address the many scientific issues raised by the anthropisation of the coastal area by facilitating decompartmentalised and interdisciplinary approaches, based on a proactive policy of innovation and dissemination of results, without forgetting the fundamental principles of ethics and scientific integrity. The creation of the LUDI Institute is surrounded by two other important projects, namely the EU-CONEXUS European university, a network of European partner universities sharing a common speciality, and the CampusInnov site initiative, intended to establish a culture of innovation in both training and research.

- **Context: settlement strategy**

La Rochelle Université's specialisation was recognised in the framework of the PIA 4 call for Excellence projects by obtaining funding for the ExcellLR project, which will accelerate the institution's transformation process.

The ExcellLR project aims to consolidate our new university model around four key axes, all of which are centred on our area of specialisation, sustainable development in coastal areas:

**Axis 1: Enhancing our research specialisation**

One of the main challenges for any university is to attract talent. This is why the axis 1 will focus on increasing our attractiveness and specialisation by creating a Talent Management Center, and launching competitive research initiatives. Finally, to further

reinforce our societal and territorial impact, we will create a decision-making support system that will provide support, analysis and impact simulations based on the latest scientific developments in the field of sustainable and intelligent urban coastlines and fed by our network of observatories.

**Axis 2: Boosting attractivity by developing specialised curricula**

In close alignment with axis 1, the university is focusing our educational efforts on the reform of master and doctoral programmes. In this context, a Graduate School is being created. It will enable us to attract the best students at national and international level.

**Axis 3: Increase our societal impact and anchor our university in its territory**

This axis aims to create a Comm'On Lab Science and Society to support the development and monitoring of the university's projects, whether they be research programmes, educational explorations or student initiatives, in order to anchor them in a societal strategy.

**Axis 4: Designing new steering tools and indicators**

This axis aims to build a new model of university through a major change: moving from fixed national guidelines to a specific success framework that reflects our ambition, and designing steering tools to support this new framework.

- **Research theme**

In the context of global changes and the increasing attractiveness of coastal areas, coastal risks are likely to increase significantly in the coming decades. These risks are of various kinds: risks linked to physical hazards (erosion, submersion, slow rise in sea level, etc.), risks of biological origin (introduction of invasive species, viral contamination, etc.), risks of chemical origin (pollution by heavy metals, persistent organic substances, emerging pollutants, etc.) and any other risk linked to anthropic pressure, including technological risks. All of this is aimed at improving the capacity for adaptation and resilience of coastal territories.

In this context, it is necessary to propose a project on, for example

- Characterisation, assessment and understanding of coastal risks, their origin and impact
- Anticipation, prevention and management of these risks
- The search for technological, ecological and planning solutions

*The research theme is voluntarily described in an open and multidisciplinary way so that several disciplines can be involved.*

- **Job description**

The holder of the Senior Chair will have to carry out his/her research project within a laboratory of La Rochelle Université in a collaborative and multidisciplinary logic. The impact of the research and the openness to society must be sought in particular through the creation of cooperation networks and the response to ambitious calls for projects.

The Senior Chairholder will be required to carry out 64 hours of teaching and will be involved in a teaching department with a view to pedagogical innovation.

Research mission :

- Conducting research activities and monitoring the progress of work in conjunction with the Laboratory Management
- Development of research tools and methodology
- Drafting and dissemination of research results through appropriate channels, including open access
- Development of national and international cooperation networks
- Monitoring, response and management of various national, European and international calls for projects

Teaching assignments

- Development and implementation of courses
- Assessment of learning outcomes and participation in juries
- Participation in the work of the teaching team in connection with the relevant teaching department

Cross-cutting tasks :

- Conducting collective projects
- Participation in scientific mediation activities
- Supervision (trainees, PhD students, post-docs) and leadership of research teams
- Participation in the management of human and administrative aspects with the support of dedicated staff.
- Participation in the various bodies of the laboratory and of LRUniv in general

#### • **Profile description**

The candidate has a PhD related to the research theme and has developed his/her research experience over a period of at least 5 years (of which the last 5 years outside LRUniv). The candidate's career path reveals an important international dimension with significant experience abroad. The candidate's work has been the subject of several publications demonstrating recognised scientific excellence in his/her discipline and he/she is integrated in research networks, particularly international ones.

He/she has already supervised theses and wishes to be involved in the support and training of young researchers.

He/she has already set up, obtained and managed projects in a collaborative approach, following national, European or international calls for projects.

The candidate will have to be part of a research dynamic by bringing a wealth of disciplines while having a willingness to open up and decompartmentalise. Management qualities and a forward-looking approach will be greatly appreciated.

The candidate has experience in setting up teaching courses. He/she will assume pedagogical or administrative responsibilities related to the courses. He/she will be

able to take charge of the pedagogical organisation of the courses he/she will deliver, by developing an innovative pedagogy and by participating in the international opening of the courses.

- **Research project**

The applicant must submit an original, high-level scientific project focusing on the theme of coastal risks. The scientific description of the project should show how it will generate new knowledge that will help to better understand and address current challenges in the sustainability of coastal areas.

Particular attention will be paid to aspects relating to open science and to the dissemination and valorisation of results, in particular to the transmission of knowledge to the citizen through actions to disseminate scientific culture and/or to the transfer of results to socio-economic actors by describing its innovation potential. The impact of the project could also be considered in terms of support to public policies carried out in coastal areas.

Applications will be assessed on the basis of the following criteria:

- Scientific background, achievements and international recognition of the applicant;
- Quality and scientific originality of the project;
- Relevance of the content to the scientific priorities of the University;
- Capacity to obtain additional funding;
- Prospects for the continuation of the research topic in the medium and long term;
- Dissemination of project results;
- Scientific and socio-economic benefits.

- **Working environment**

**Type of recruitment:**

The maximum duration of the Chair will be 4 years, at the end of which the Chairholder will be evaluated.

The recruitment will be made on a fixed-term contract as a Contractual Teacher-Researcher (3-year fixed-term contract, renewable for 1 year), with a teaching service of 64 hours.

At the end of the Chair, the opportunity to be recruited to a permanent position may be open through the usual channels (competition for a Professor position with competition and selection by a committee, or permanent contract).

Remuneration to be defined according to profile and experience in accordance with the university's contract staff management charter.

Location: La Rochelle Université - 23 avenue Albert Einstein - 17000 LA ROCHELLE and according to the laboratory of assignment.

**Operation and equipment:**

The position is surrounded by funding from the institution for mobility and recruitment to post-doctoral or doctoral positions.

It is strongly recommended that the application be accompanied by one or more co-financing arrangements, whether already in place, applied for or envisaged. A detailed budget with income and main expenditure items must be provided (see application file).

Institutional funding:

- 45,000 € for environment and mobility
- 24 months of post doc or 36 months of PhD (depending on the needs explained in the project)

• **Project selection procedure**

A first review of the projects will be carried out by a panel of external evaluators. A pre-selection will be made by the ExcellLR Governing Board.

A selection committee will organise the auditions and establish a ranked list of successful candidates.

• **Application procedure**

Applicants are expected to contact the laboratory and department concerned with the proposed research and teaching project.

Each candidate must prepare a file including : the completed application form, an ID card or passport and the doctoral diploma. The proposed research and teaching project may be written in French or English.

**For any questions, please send an email to [excellr.recherche@univ-lr.fr](mailto:excellr.recherche@univ-lr.fr)**

**Applications must be submitted on DEMATEC before 15/06/2023**

• **Provisional timetable**

Opening of the call: 15/03/2023

Closing date of the call: 15/06/2023

Evaluation and pre-selection of applications: July to September 2023

Hearing of applicants on shortlisted projects: September to November 2023

Start date: January 2024 at the earliest

## Contact details of the research laboratories of La Rochelle University.

<p><b>CEBC (UMR7372 LRUniv-CNRS)</b> Centre for Biological Studies of Chizé <a href="https://www.cebc.cnrs.fr/">https://www.cebc.cnrs.fr/</a></p>	<p>Director: Charles-André BOST</p>
<p><b>CRHIA</b> Research Centre for International and Atlantic History <a href="https://www.crhia.fr/">https://www.crhia.fr/</a></p>	<p>Director: Cécile CHANTRAINE BRAILLON</p>
<p><b>D2IA</b> Asian Dynamics, Interactions, Interculturality (ACA2K) <a href="https://dzia.fr/">https://dzia.fr/</a></p>	<p>Director: David WATERMAN</p>
<p><b>L3i</b> Computer, Image and Interaction Laboratory <a href="https://l3i.univ-larochelle.fr/">https://l3i.univ-larochelle.fr/</a></p>	<p>Director: Yacine GHAMRI-DOUDANE MOHAMED</p>
<p><b>LaSIE (UMR 7356 LRUniv - CNRS)</b> Laboratory of Engineering Sciences for the Environment <a href="https://lasie.univ-larochelle.fr/">https://lasie.univ-larochelle.fr/</a></p>	<p>Director: Xavier FEAUGAS</p>
<p><b>LIENSS (UMR 7266 LRUniv - CNRS)</b> Littoral, Environment and Societies <a href="https://lienss.univ-larochelle.fr/">https://lienss.univ-larochelle.fr/</a></p>	<p>Director: Valérie BALLU</p>
<p><b>LITHORAL</b> Interdisciplinary Laboratory Territory History Organisation Regulation Law</p>	<p>Director: Guillaume DELALIEUX</p>
<p><b>MIA</b> Mathematics, Image and Applications <a href="http://mia.univ-larochelle.fr/">http://mia.univ-larochelle.fr/</a></p>	<p>Director: Catherine CHOQUET</p>
<p><b>NUDD</b> Digital uses for sustainable development</p>	<p>Director: Jeanne LALLEMENT</p>
<p><b>PELAGIS Observatory (UAR 3462 LRUniv-CNRS)</b> Observatory for the conservation of marine mammals and birds. <a href="https://www.observatoire-pelagis.cnrs.fr/">https://www.observatoire-pelagis.cnrs.fr/</a></p>	<p>Directors : Florence CAURANT and Jérôme SPITZ</p>

## Contact details of the teaching departments of La Rochelle University.

### Biology Department:

Director: Gilles RADENAC

### Biotechnology Department:

Director: Stéphanie BORDENAVE

### Chemistry Department:

Director: Fernando PEDRAZA-DIAZ

### Civil Engineering Department:

Director: Ameer HAMAMI

### IT Department:

Director: Jacques MORCOS

### Mathematics Department:

Director: Cyrille OSPÉL

### Earth Sciences Department:

Director: Vivien MATHE

### Department of Applied Foreign Languages:

Director: Cécile CHANTRAINE BRAILLON

### Department of Humanities:

Director: Tatiana CLAVIER

### Humanities and Social Sciences Department:

Director: Pierre PRETOU

### Physics Department:

Director : Philippe REFAIT

### Department of Law and Political Science:

Director: Linda ARCELIN

### Department of the School of Management:

Director: Jean-François BERTHEVAS / Mathieu PAQUEROT

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Scientific partners of the ExcellLR project



Public partners of the ExcellLR project

