

Postgraduate Diploma in Management, Engineering and Sciences for Disaster Resilience

Date and Time: 06/21/2021 to 10/15/2021 - Monday, Wednesday, Friday - 4:00 p.m.

Place: Online (Streaming) +56 9 42239337

Attachments

[UChile Account Creation Instructions](#)

Organize:

Graduate School and Continuing Education - FCFM

Addressed to:

People who have a professional title, preferably in the areas of Engineering, Public Administration, Science or Management; and who have a professional experience of at least 2 years

Information

Contact:

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objective

Deliver advanced knowledge, engineering tools and the latest scientific-technological background to actors involved in disaster risk reduction so that they can conceive, design, implement, operate and evaluate projects that contribute to the reduction of the risk of socio-natural disasters and the resilience.

Curriculum

The program runs from June 21 to October 15, 2021. The modules of the program are as follows:

Module 1: Conceptual and regulatory advances on disaster risk

Introduction to the Diploma

Theoretical-conceptual

framework o Foundations and modifications of the theoretical-conceptual framework

o The social construction of risk

o International practices within the framework of resilience

Functional, international normative framework for disaster risk reduction

State responsibility against risks socionaturales

Application to a case study in the framework of the Workshop

Module 2: New Background on Natural Hazards

Introduction: New antecedents on natural hazards

o The Andean context and geohazards

o Advances in understanding the geophysical processes of geohazards

Seismic and tsunami hazard

o Taxonomy of earthquakes and tsunamis

o Preventive and reactive dimension of the seismic

hazard Volcanic hazard

o Volcanism

o Volcanism and volcanic danger

Geological faults and associated hazards

o Geological faults and mass removals

o Space-time vision of geological hazards

o Geophysical methods used to study geological faults

Mapping tools and use of information

Climatic and hydro-meteorological hazards

Other threats: atmospheric pollution

Application to a case study in the framework of the Workshop

Module 3: Risk reduction through public management

Public management framework and complex systems

Public management

tools for project evaluation / implementation Public management tools applicable for disaster risk reduction

Application to a case study in the framework of the Workshop

Module 4: Technological Vanguard for Resilience

**ANNEX III
 INITIAL PROJECT REPORT**

INSTRUCTIONS

Initial Report:

Submit points 1 to 5 in Word or Pdf document (no more than five pages, including texts and tables) as an annex to apply for the Grant as indicated in the Call document, point XIII.

1. Participant's name.
2. Country and City of residence.
3. Institution name where you work and position you hold.
4. Indicate the main policies in force in your country, as well as comment on some programmes, projects and studies that are currently exist in management and resilience to disasters of natural origin.
5. Indicate, as a brief summary of presentation, a Project or Plan of Action applicable in your institution or line of development/research.

Note: Point 6 will be developed at the end of the "Postgraduate Diploma in Management, Engineering and Sciences for Disaster Resilience", so it only applies to the applicant to whom the grant is awarded.

6. Projects Result / Final Report
 - 6.1. Indicate the most relevant subjects of the diploma for you.
 - 6.2. Specify how the knowledge acquired in this diploma will improve your professional development in your country.
 - 6.3. Indicate the specific actions that you expect to carry out for the presented project. That must be presented according to the following table:

OBJECTIVE	ACTIVITY	RESULT	TIME

- [Start \(/\) / SCHOLARSHIPS \(/becas\) / Scholarships for Foreigners \(/becas/becas-para-extranjeros\)](#)
[/ Scholarships \(/becas/becas-para-extranjeros/102-becas\)](#)
[/ Scholarships for Foreigners \(/becas/becas-para-extranjeros/103-becas/becas-para-extranjeros\)](#)
[/ Current Offers \(/becas/becas-para-extranjeros/105-becas/becas-para-extranjeros/encuentra-tu-beca\)](#)
[/ Information of the Selected Scholarship:](#)

Information of the Selected Scholarship:

IV Postgraduate Diploma in Management, Engineering and Sciences for Disaster Resilience (2021)	
	N ° Diffusion:
Basic Background	
Short name:	IV Postgraduate Diploma in Management, Engineering and Sciences for Disaster Resilience (2021)
Description:	Academic program whose purpose is to strengthen knowledge in disaster risk reduction.
Type of Improvement:	Short duration
Financing:	
Place of realization:	Chile, in the Universities Indicated in the Call
Date of realization:	From: 06-21-2021 - To: 10-15-2021
Scholarship objective:	Improvement of professionals from the countries indicated in this call, for the year 2021
Final Application Deadline (Check with the Focal Point for the deadline for submitting background information):	05-28-2021
Application Process:	
Place of Application:	Focal Point of the respective country.
Documents to present:	