

Mission au Pérou

5-21 November 2022

Hugo S.

Institut de Recherche pour le Développement IRD - ISTerre

Team :

Virginie Pinel, Hugo Sánchez-Reyes, Léa Pousse, Bertrand Lavery

Seminars at IGP (Instituto Geofísico del Perú), LabEx OSUG

December 6, 2022

Outline

Arequipa

Lima

PhD. Project ARTS

Arequipa

Tasks

5 Days course of INSAR ... 8:30h to 17:00h

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- Adquisition

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- Preprocessing

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- Corrections

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- Time series analysis

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- Volcanic monitoring

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- Volcanic source modeling

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- FlatSim project

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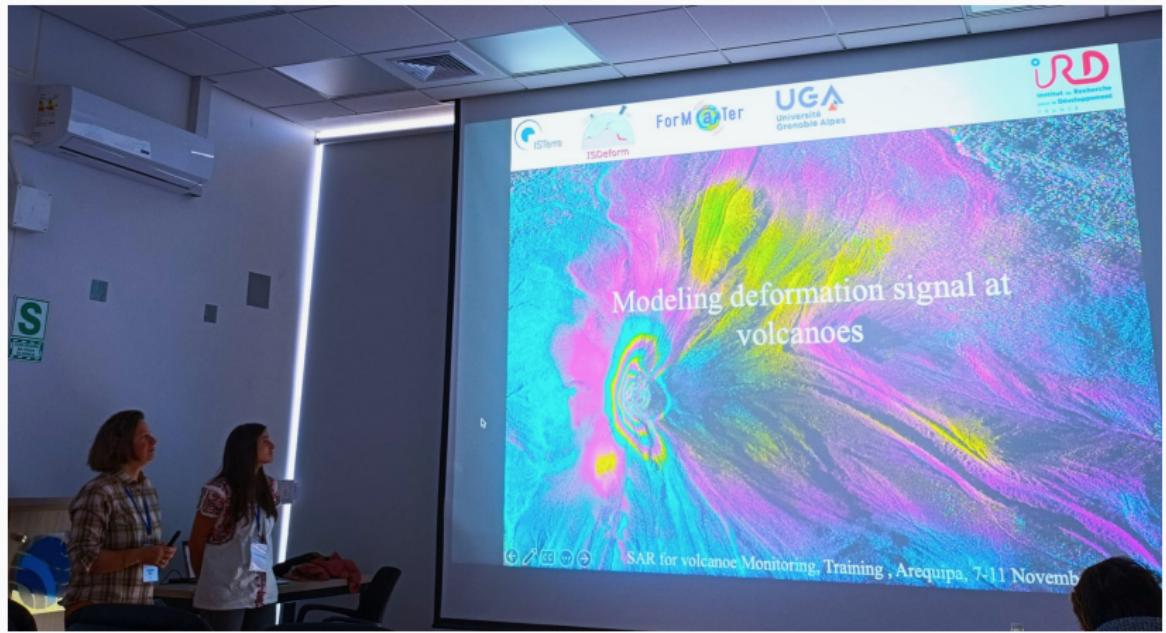
- Adquisition
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- Sentinel missions
- FlatSim project
- UGA Master Programs

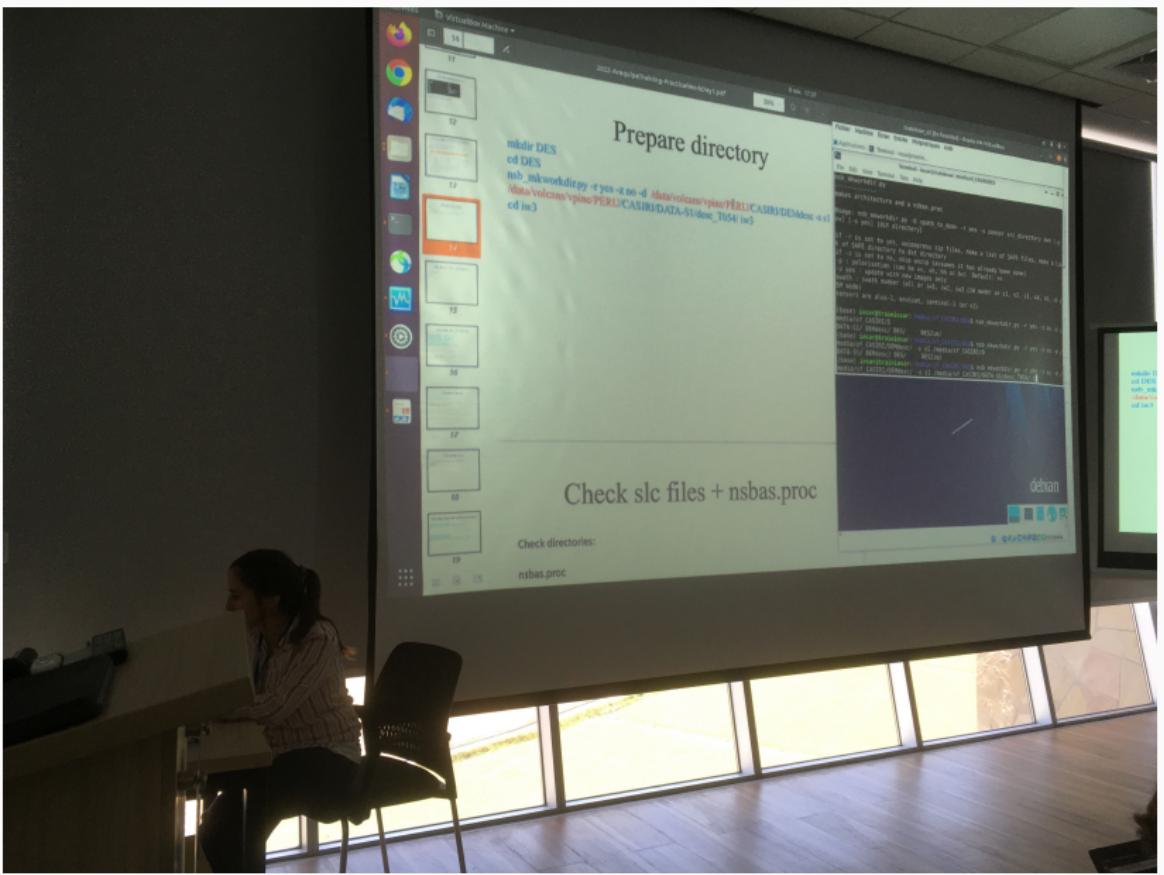
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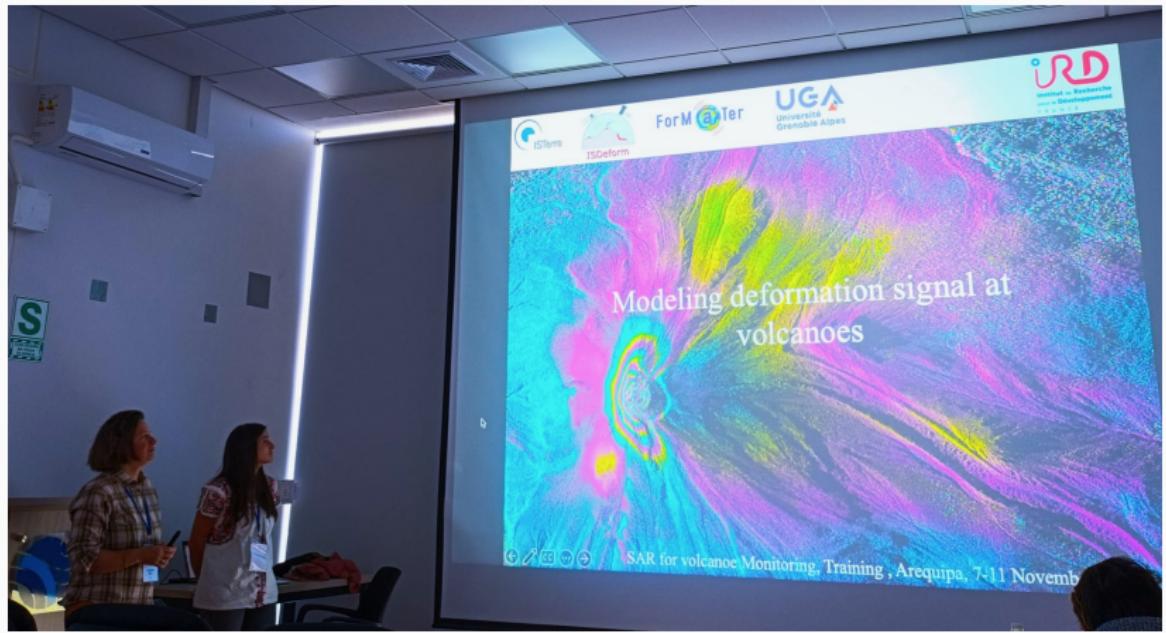
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Virginie (main teacher), Léa and Bertrand (teaching assistants),
Hugo (official translator and amazing student!)











All participants



Instituto Geofísico del Perú

Especialistas nacionales fueron capacitados en el manejo de imágenes satelitales con fines de monitoreo volcánico

Nota de Prensa

Gracias a la colaboración entre el IGP y el IRD, profesionales peruanos aprendieron los principios y fundamentos para el uso de imágenes satelitales como herramienta para evaluar el peligro volcánico.



NOTA DE PRENSA

Lima

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Template matching course 4 days from 9:30h to 16:30h

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- Adquisition

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- Data preparation

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Discussion with Dr. Norabuena: seismic and GPS data.

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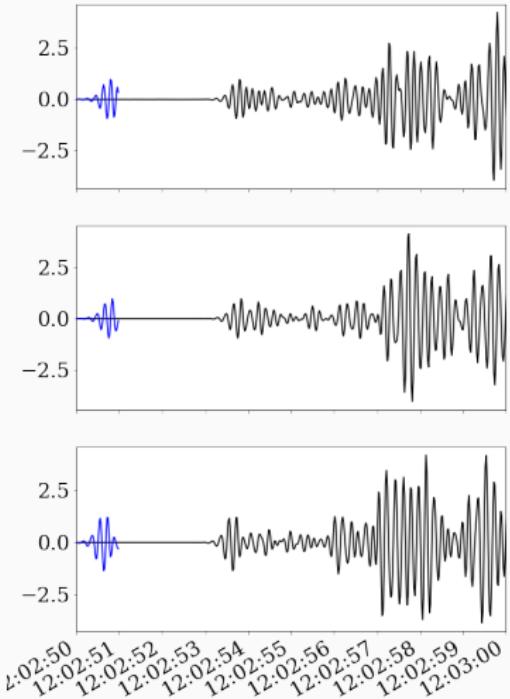
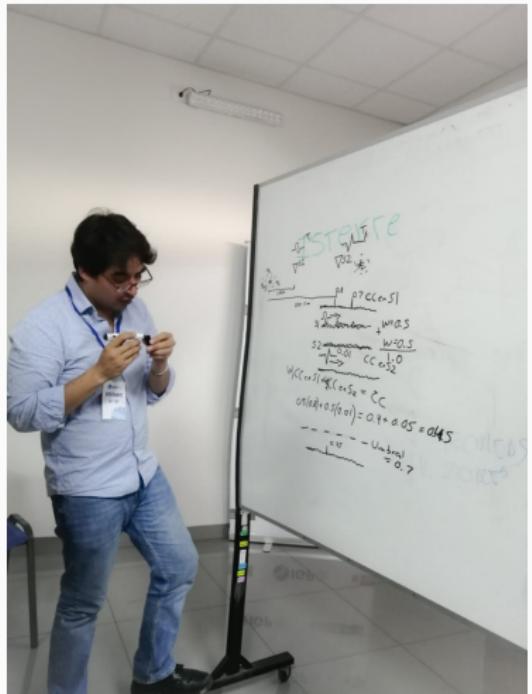
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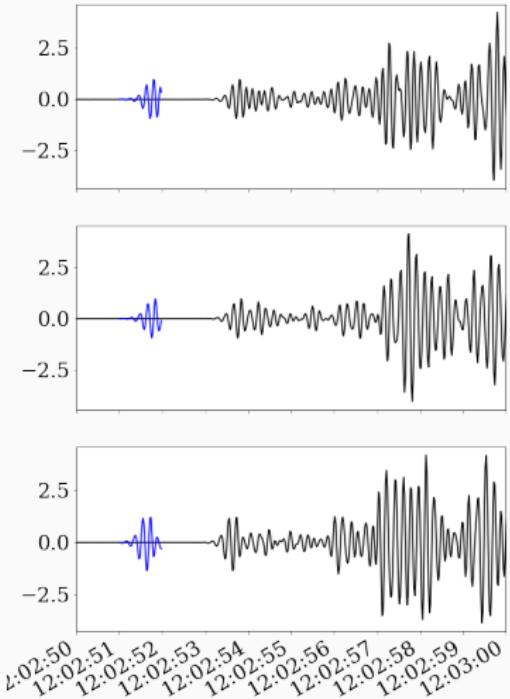
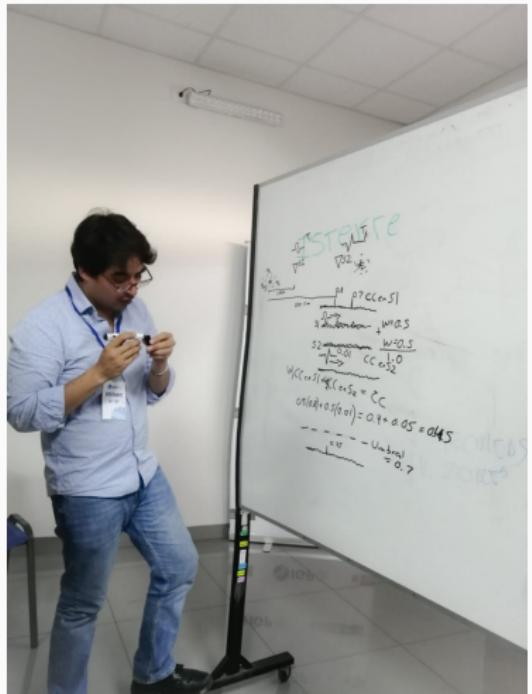
Discussion with Dr. Norabuena: seismic and GPS data.

Discussion with Dr. Tavera: Possible new MLDs and expatriations.

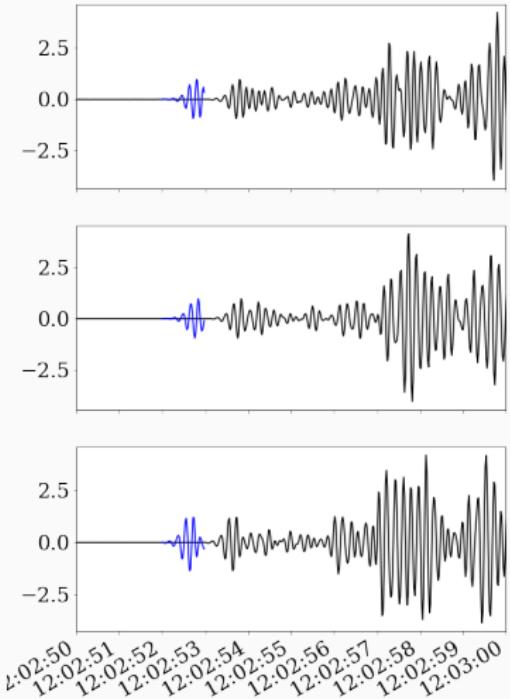
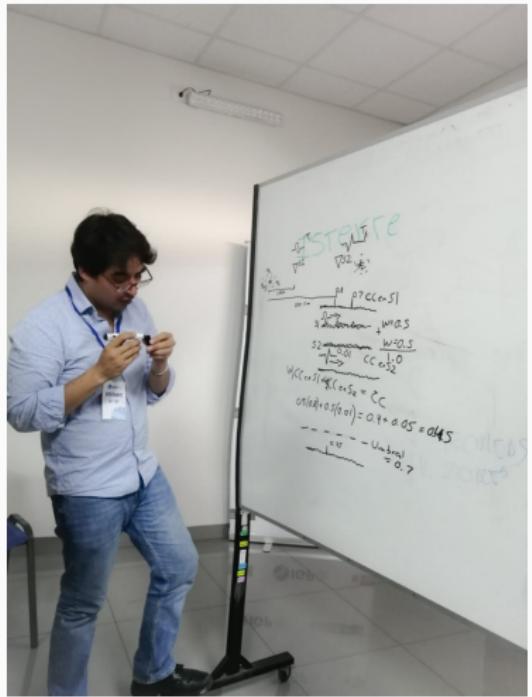
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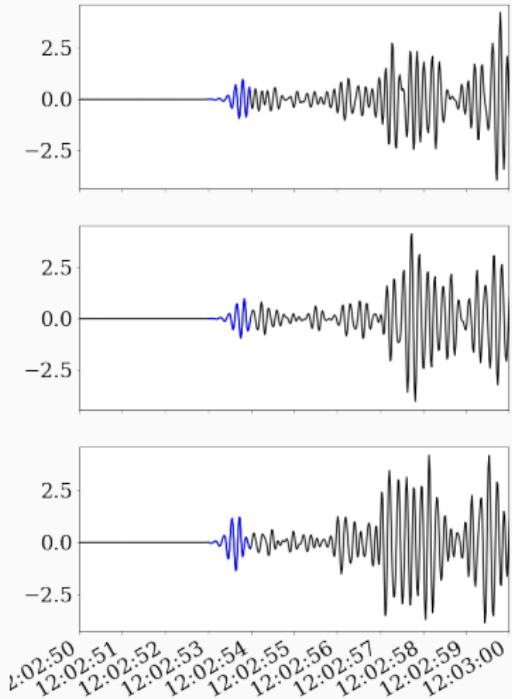
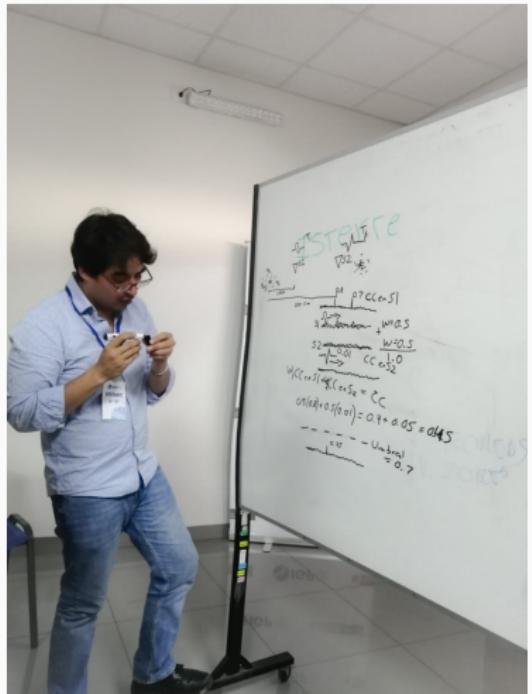
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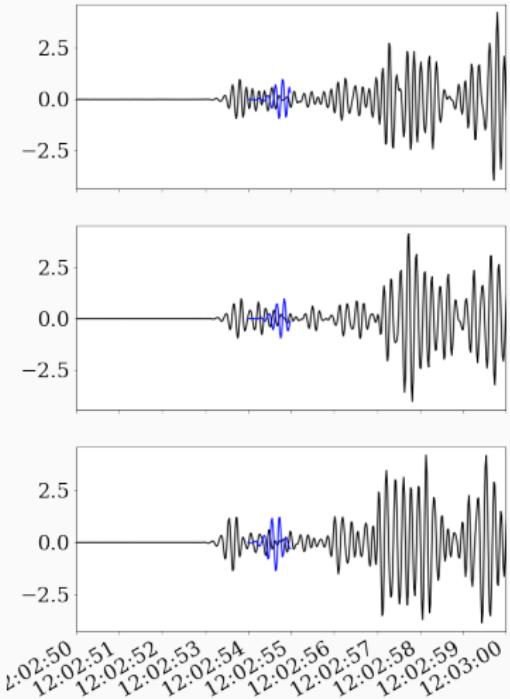
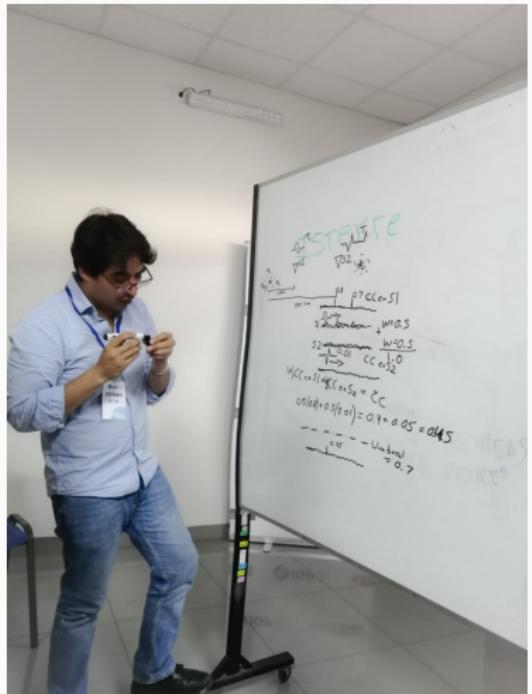
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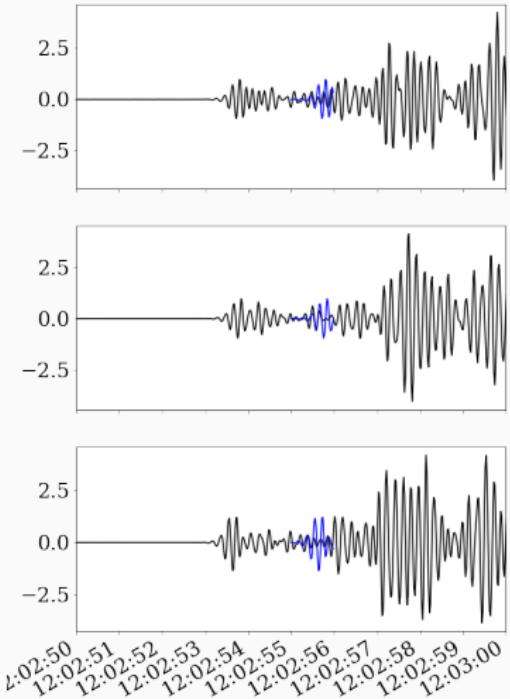
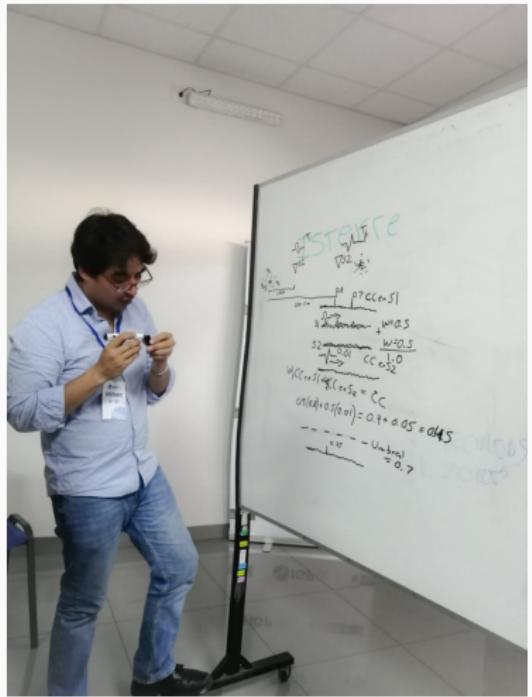
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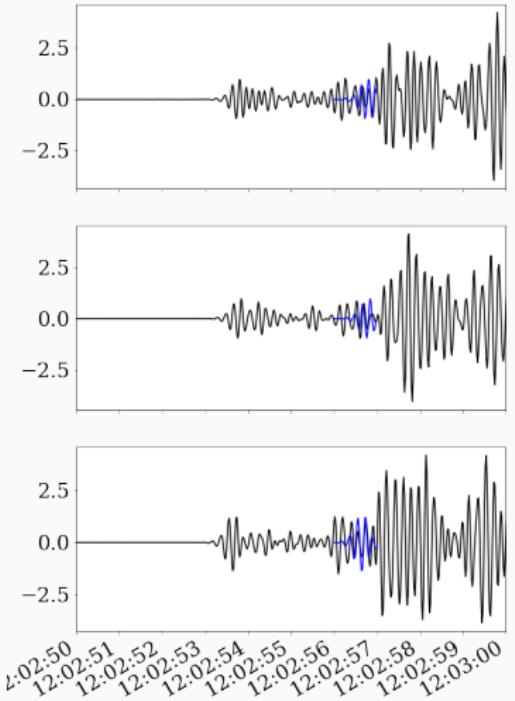
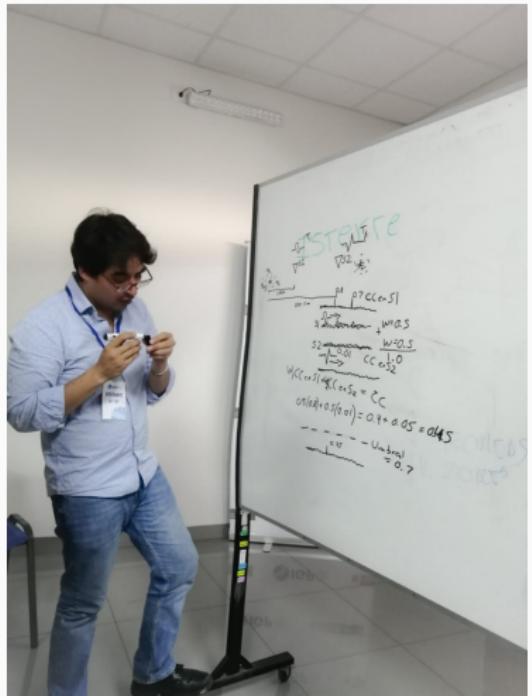
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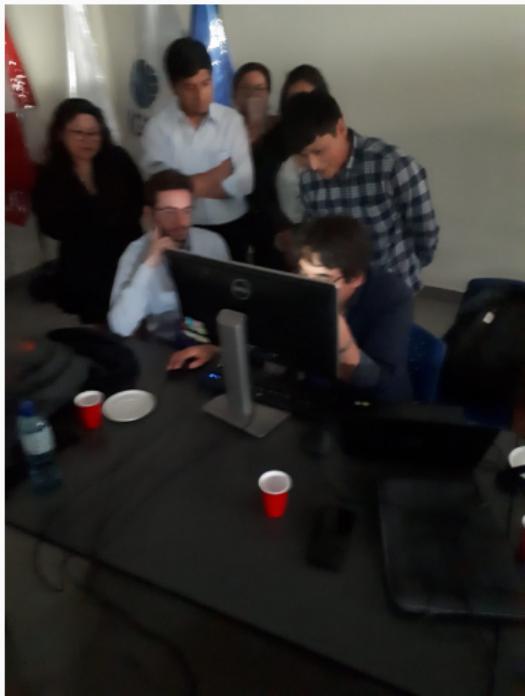
Template matching course



Template matching course



During the course: IGP Lima



Mission completed!

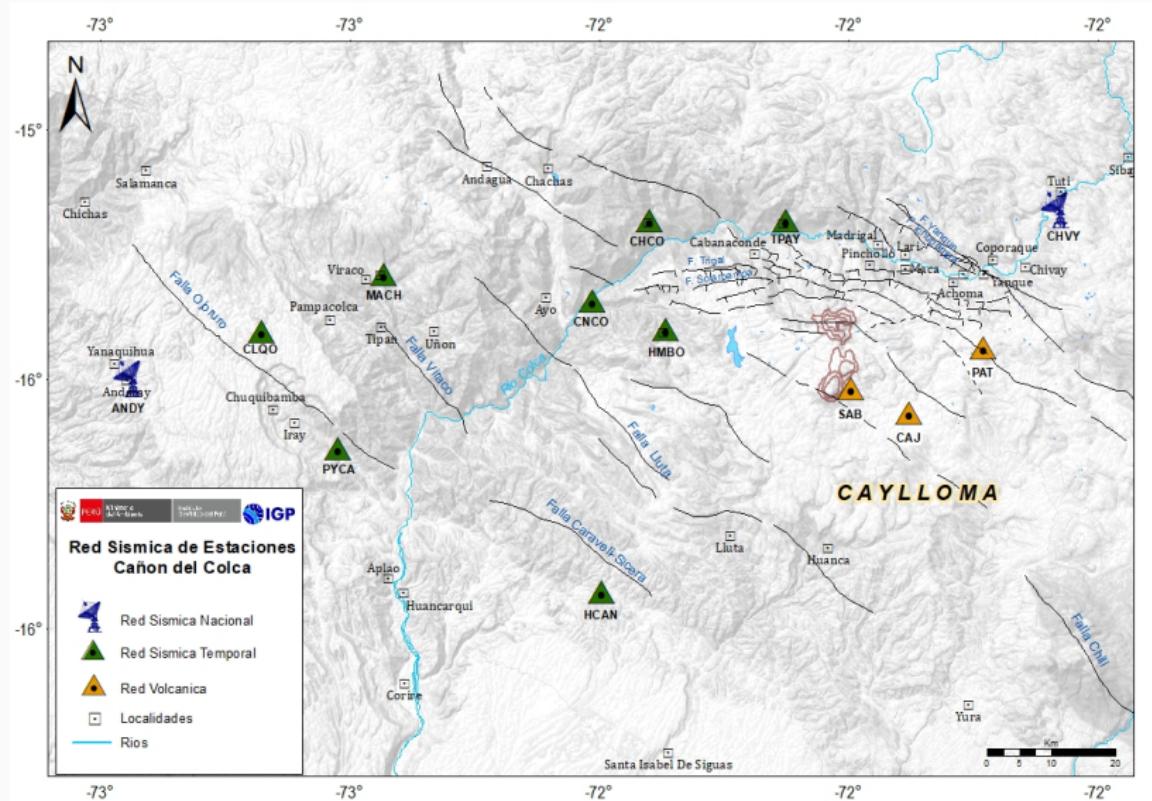


Thank you very much to:

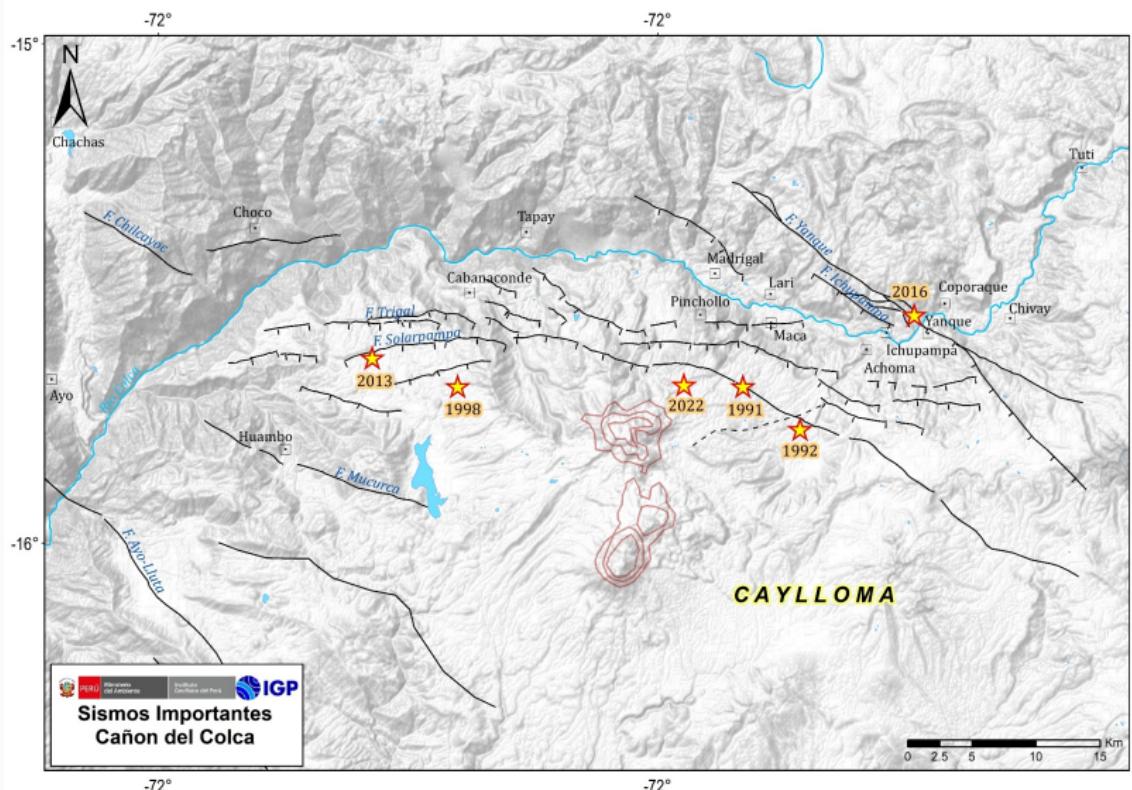
- Virginie Pinel
- Léa Pousse
- Bertrand Lavery
- Hernando Tavera
- IGP Staff: Estela, Arturo, Vilma, Juan Carlos, Katy, Christian, Paco

PhD. Project ARTS

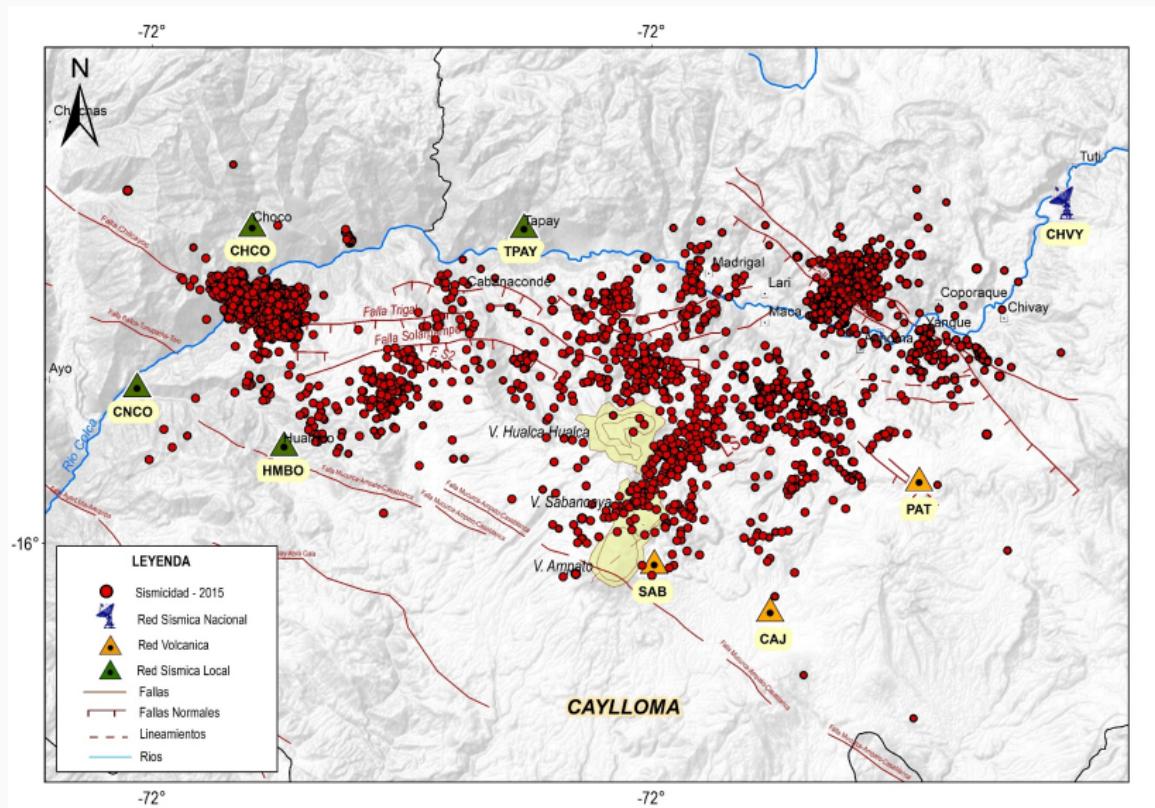
Local network: Valle del Colca



Historical large earthquakes: Valle del Colca



Instrumented seismicity 2015-2021: Valle del Colca



Well located large seismicity 2015-2021: Valle del Colca

