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## Research interests

Our research interests are related to Civil Engineering fields, more specific to Bridge Engineering. We work towards a unified approach for safety assessment of old bridges into a transportation network hit by floods, with the final goal of its resilience. We believe that our project will surely give a great aid to society.

## Qualifications

Flood Resilient Bridge Modelling and Design  
21 Sept 2020 → 20 Sept 2024  
Award Date: 21 Sept 2020

Independent Professional at the Surveyor Francesco Degan Di Dieco's construction firm, Surveyor Francesco Degan Di Dieco's construction firm.  
24 May 2018 → 20 Sept 2020  
Award Date: 24 May 2018

Master of Science in Civil Engineering, University of Rome Tor Vergata  
25 Feb 2014 → 23 May 2018  
Award Date: 23 May 2018

Bachelor Degree in Civil Engineering, University of Rome Tor Vergata  
28 Sept 2009 → 24 Feb 2014  
Award Date: 24 Feb 2014

## Employment

**Doctor of Philosophy, Phd in Civil Engineering**  
School of Civil, Aerospace and Design Engineering  
Faculty of Engineering  
1 Aug 2023 → present

**Cabot Institute**  
Institutes  
United Kingdom  
4 Apr 2023 → present

**Member, Cabot Institute**  
Institutes  
United Kingdom  
4 Apr 2023 → present

**Member, Bristol Doctoral College**  
United Kingdom  
21 Sept 2020 → 20 Mar 2025

## Research outputs

**A taxonomy of bridges at risk of flooding: towards bridge classes and damage models**

Dieco, G. D. D., Barbosa, A. R. & Pregolato, M., 28 Mar 2022, In: Proceedings of the Institution of Civil Engineers - Bridge Engineering.

**A taxonomy for flood hazards risk and resilience management of riverine roadway bridges**

Degan Di Dieco, G., Barbosa, A. R. & Pregolato, M., 4 Sept 2021, (Submitted) In: Proceedings of the ICE - Bridge Engineering. p. 1-20 20 p.

**Un Nuovo Metodo Ibrido di Monitoraggio delle Frane tra GIS e Geotecnica: II: Sviluppi recenti**

Degan Di Dieco, G., Martini, A. & Del Mastro, I. (ed.), 14 Dec 2019, (Unpublished) p. 1-6. 6 p.

**Prizes****An EPSRC Centre for Doctoral Training Studentship for the PhD in Civil Engineering.**

Degan Di Dieco, Giuseppe (Recipient), 21 Sept 2020

**Impacts****Safety of old bridges and viaducts.**

Giuseppe Degan Di Dieco (Participant), Maria Pregolato (Participant) & Andre Ramos Barbosa (Participant)