



TCD Geography @TCD_Geography

Apr 27 · 16 tweets · [TCD_Geography/status/1519275722057080833](https://twitter.com/TCD_Geography/status/1519275722057080833)

First up in our PG Symposium today is Carlotta Smalen, whose work explores links between gender and climate adaptations. Carlotta is a 1st Year student but she's setting a high bar for our next speakers - will they be able meet this exacting standard?? 🤔

2022 Postgraduate Research Symposium

Carlotta Smalen

Climate Justice in Development
TCD Geography

PHD Project Awards

Climate Brides: The nexus between changing climates, household coping mechanisms, and shifts in practices of child marriage

Climate Justice in Development Research Group

Supervisor: Susan Murphy

Email: smalenc@tcd.ie




Carlotta fielding questions on statistical data, extreme weather events, race and research positionality, and layering big topics in PhD project management - we're off to a great start here, fair play to Carlotta and her wonderful supervisor [@susanpmurphy](https://twitter.com/susanpmurphy) 🙌🙌🙌



[@susanpmurphy](#) And next up is fellow 1st Year PhD student, Juliet Rounce - supervised by [@im_coasts](#), Juliet's work looks at carbon storage in restored and natural saltmarshes, and she's following Carlotta's lead with a very clear overview of her project and its importance!

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Research Symposium

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of Geography
Trinity College Dublin




Juliet Rounce

Spatial variation of carbon storage in restored and natural saltmarshes

Coastal Research Group

Supervisor: Iris Moeller

Email: rouncej@tcd.ie



[@susanpmurphy](#) [@im_coasts](#) Following Juliet's excellent presentation, we're now on to Mary Rose Byrne, also in 1st Year, who's supervised by [@PadraigCarmody](#). Mary Rose's work looks at the relationship between social upgrading and the concept of resilience in the Vietnamese garment industry.

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Mary Rose Byrne

The effects of social upgrading on economic resilience during crisis: a case study of the garment producing sector in Vietnam

Geographies and Politics of Development Research Group

Supervisor: Pádraig Carmody

Email: byrnem72@tcd.ie



[@susanpmurphy](#) [@im_coasts](#) [@PadraigCarmody](#) And we're back after a breezy but satisfying outdoor lunch with [@abbienugent13](#) (shout out to her [@Maynoothgeog](#) roots!), who's giving us a masterful overview of her work on the Bull Island - we're truly being both physically and intellectually nourished this afternoon! 🍷

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Abbie Nugent

Response of an anthropogenically initiated urban barrier island to environmental change

Coastal Research Group

Supervisor: Iris Moeller

Email: nugentab@tcd.ie

[@abbienugent13](#)



[@susanpmurphy](#) [@im_coasts](#) [@PadraigCarmody](#) [@abbienugent13](#) [@Maynoothgeog](#) Expert science communication going on here, with Abbie fielding questions on coastal dynamics, historical development, and land-use (and yes, by land-use, we do mean - 🚧). Abbie's in her 1st Year but lots of excitement about this project (which [@im_coasts](#) is supervising)



[@susanpmurphy](#) [@im_coasts](#) [@PadraigCarmody](#) [@abbienugent13](#) [@Maynoothgeog](#) And now we're moving on to [@SmartBog_IRL](#)'s [@wahajhb](#), who is a 2nd/3rd Year PhD student supervised by [@mapalljohn](#) and working on machine learning, remote sensing, and Irish peatlands [#peattwitter](#)



2022 Postgraduate Research Symposium
Wahaj Habib

Department of Geography
Trinity College Dublin

Geospatial Analysis of Peatland Land Use and Drainage

SmartBog Ireland Project

Supervisor: John Connolly

Email: habibwa@tcd.ie

[@wahajhb](#)

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[@susanpmurphy](#) [@im_coasts](#) [@PadraigCarmody](#) [@abbienugent13](#) [@Maynoothgeog](#) [@SmartBog_IRL](#) [@wahajhb](#) [@mapalljohn](#) And Wahaj finishes up a powerhouse of science communication in his presentation with a broad set of questions about his work and the 'magic' of deep learning satellite image interpretation - excellent stuff on show at the Symposium today, you love to see it



[@susanpmurphy](#) [@im_coasts](#) [@PadraigCarmody](#) [@abbienugent13](#) [@Maynoothgeog](#) [@SmartBog_IRL](#) [@wahajhb](#) [@mapalljohn](#) And next up is [@obrienalexia1](#), supervised by (Newly Minted Fellow 😊) [@CiantOCallaghan](#), who's presenting on her work on informal housing and its production, consumption, and governance in Dublin



2022 Postgraduate Research Symposium
Alexia O'Brien

The production, allocation, and consumption of informal housing in Dublin, Ireland

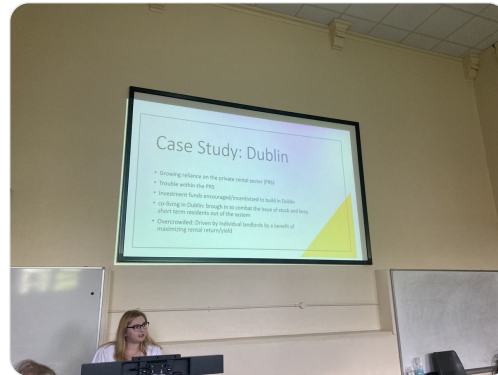
Supervisor: Cian O'Callaghan

Email: obriena57@tcd.ie

 [@obrienalexia1](#)

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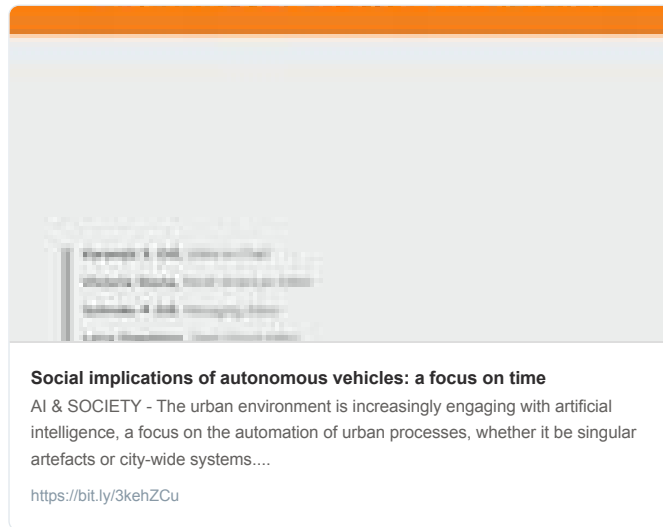
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[@susanpmurphy](#) [@im_coasts](#) [@PadraigCarmody](#) [@abbienugent13](#) [@Maynoothgeog](#) [@SmartBog_IRL](#) [@wahajhb](#) [@mapalljohn](#) [@obrienalexia1](#) [@CiantOCallaghan](#) Great presentation from Alexia on her 'research journey' and where it's been taking her - we'll be breaking for some coffee now and back with the final three talks from our Postgrad Symposium soon ☕



[@susanpmurphy](#) [@im_coasts](#) [@PadraigCarmody](#) [@abbienugent13](#) [@Maynoothgeog](#) [@SmartBog_IRL](#) [@wahajhb](#) [@mapalljohn](#) [@obrienalexia1](#) [@CiantOCallaghan](#) And we're back - next with us is Cian McCarroll, [@scienceirel](#)-funded 2nd Year PhD candidate supervised by Federico Cugurullo. They have an excellent paper pulling from Cian's project on autonomous vehicles and time out now in AI & Society, linked here:



2022 Postgraduate Research Symposium
Cian McCarroll

Department of Geography
Trinity College Dublin

Science Foundation Ireland For what's next

Time Use in Autonomous Vehicles: Exploring the way in which contemporary labour dynamics are influenced by technology

Supervisor: Federico Cugurullo
Email: mccarroll@tcd.ie

Cian & Federico have a **new paper** out in AI & Society, 'Social implications of autonomous vehicles: a focus on time'

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Springer Link

Open Forum | Published: 01 April 2022

Social implications of autonomous vehicles: a focus on time

Cian McCarroll & Federico Cugurullo

AI & SOCIETY 37, 791–800 (2022) | [Cite this article](#)

555 Accesses | 2 Altmetric | [Metrics](#)

[@susanpmurphy](#) [@im_coasts](#) [@PadraigCarmody](#) [@abbienugent13](#) [@Maynoothgeog](#)
[@SmartBog_IRL](#) [@wahajhb](#) [@mapalljohn](#) [@obrienalexia1](#) [@CiantOCallaghan](#) [@scienceirel](#)
Cian doing a masterful job of handling a range of big and specific questions about research methods, the literature he's using, and spaghetti time - definitely a project and researcher to watch in the coming years!



[@susanpmurphy](#) [@im_coasts](#) [@PadraigCarmody](#) [@abbienugent13](#) [@Maynoothgeog](#)
[@SmartBog_IRL](#) [@wahajhb](#) [@mapalljohn](#) [@obrienalexia1](#) [@CiantOCallaghan](#) [@scienceirel](#)
And now we're on to our penultimate speaker [@charmcharmcruz](#), a 3rd Year PhD working on the [@iHabiMap](#) project supervised by [@mapalljohn](#) - Charm and [@wahajhb](#) are both [@EPAireland](#)-funded researchers doing cutting-edge work on satellite image analysis and deep learning methods 🚀

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Charmaine Cruz

iHabiMap
Habitat Mapping, Monitoring & Assessment using High-Resolution Imagery

epa
Environmental Protection Agency

Fine-scale mapping of invasive species (*Spartina anglica*) using high-resolution drone imagery and deep learning

iHabiMap

Supervisor: John Connolly

Email: cruzc@tcd.ie

[@charmcharmcruz](#)

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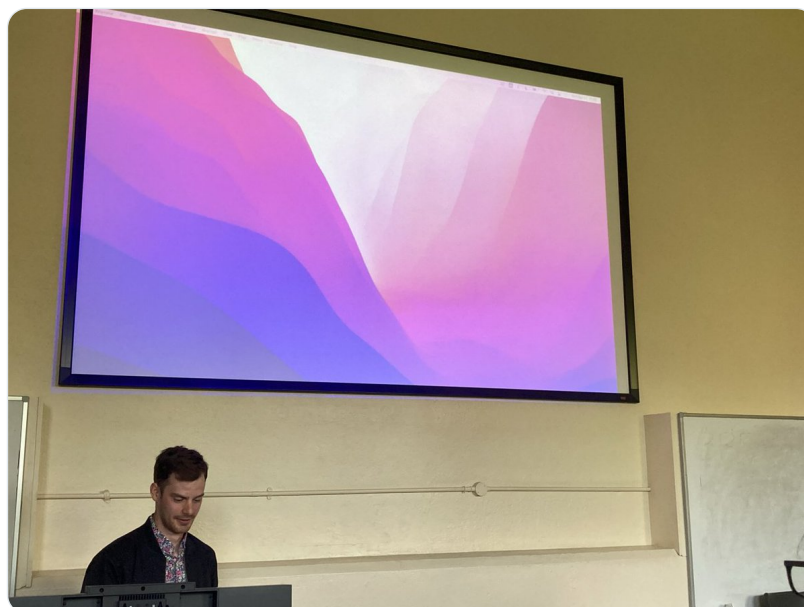


[@susanpmurphy](#) [@im_coasts](#) [@PadraigCarmody](#) [@abbienugent13](#) [@Maynoothgeog](#) [@SmartBog_IRL](#) [@wahajhb](#) [@mapalljohn](#) [@obrienalexia1](#) [@CiantOCallaghan](#) [@scienceirel](#) [@charmcharmcrúz](#) [@iHabiMap](#) [@EPAIreland](#) Again, an excellent example of effective sci comm from [@charmcharmcrúz](#), and we're on to our last (but not least) speaker of the day [@gaioism](#), who is a 2nd Year PhD student supervised by Federico Cugurullo and working on autonomous vehicles and cycling in future cities 🚲

2022 Postgraduate Research Symposium
Alex Gaio
PAD
PhD Project Awards
Integrating Autonomous and Sustainable Mobility in the Future City
Supervisor: Federico Cugurullo
Email: gaioa@tcd.ie
@gaioism
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[@susanpmurphy](#) [@im_coasts](#) [@PadraigCarmody](#) [@abbienugent13](#) [@Maynoothgeog](#)
[@SmartBog_IRL](#) [@wahajhb](#) [@mapalljohn](#) [@obrienalexia1](#) [@CiantOCallaghan](#) [@scienceirel](#)
[@charmcharmcruz](#) [@iHabiMap](#) [@EPAIreland](#) [@gaoism](#) And that'll do it for our
Symposium, organised by our fab postgrad rep Carlotta Smalen and expertly chaired by her
supervisor and postgrad co-ordinator [@susanpmurphy](#) - our amazing HoD [@im_coasts](#)
closing us out for this year with talk of a staff symposium to follow...



2022
Postgraduate
Research
Symposium

Where: HLT
When: 27th April, 12-5pm
Lunch: 13:30

RSVP: smalenc@tcd.ie

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The poster features a blue and white color scheme. On the right side, there is a stylized illustration of a hand holding a globe, with a map of Ireland below it. The text is arranged in a clear, hierarchical manner, with the title in large, bold letters and the details in smaller text. Logos for the Department of Geography and Trinity College Dublin are included.



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