

# Yurong Yu

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## EDUCATION

<b>Imperial College London</b> Ph.D. Candidate in <i>Environmental Policy Research</i>	Sept.2019 – Aug.2023	London, UK
<b>Columbia University in the City of New York</b> M.A. in <i>Climate and Society</i>	Sept.2016 – Oct.2017	New York, US
<b>Peking University</b> Bachelor of <i>Economics</i> (Double Degree)	Sept.2015 – Jun.2017	Beijing, China
<b>China Agricultural University</b> Bachelor of Management in <i>Rural Regional Development</i>	Sept.2012 – Jun.2016	Beijing, China

## QUALIFICATION

Associate Fellowship of the Higher Education Academy (AFHEA) May. 2023

## PROFESSIONAL EXPERIENCE (FULL-TIME)

*Atmospheric Environmental Engineer, IEREC Technology Co., Ltd.* Nov.2017-Mar.2019 Shenzhen, China  
Investigating atmospheric phenomena and interpret data sets to prepare research reports for the local government to address environmental problems; Air Pollution Monitoring and Managing based on Grid in Shenzhen

## PROFESSIONAL EXPERIENCE (PART-TIME)

*Research Assistant, Imperial College London* Sept.2023 - ~ London, UK  
*Graduate Teaching Assistant (GTA), Imperial College London* Jan.2020 - ~ London, UK  
*Course Mentor, X Academy, China* Mar.2021 – Aug.2021 Shanghai, China  
Leading two summer courses on “Introduction to ecology and conservation biology” and “Coral reef conservation” (with Prof Xiubao Li) for 40 undergraduate students  
*Independent Bilingual Consultant, Wildlife Conservation Society (WCS)* Mar.2020 – Mar.2021 London, UK  
Conducting a bilingual systematic review on impacts of the Belt and Road Initiative  
*Research Assistant, Zoological Society of London* Jul.2019 Jiangxi, China  
Field research on *Garrulax courtoisi* in Southern China, China  
*Graduate Intern, New York State Department of Environmental Conservation* Jun.2017-Jul.2017 Albany, US  
Hazardous Waste Reduction Spreadsheet Data Update and Analysis

## PUBLICATION

Yu, Y.; Burgman, M.; Ma, H.; Liu, H.; Yang, X.; Howe, C.; Turvey, S. (2024). *How to elicit human value hierarchies that drive decision-making and why it is important for conservation: A case study of conservation management of the Hainan Tropical Rainforest National Park*. *People & Nature*  
Publication under review.

Jay, C.; Yu, Y.; Crawford, I.; Archer-Nicholls, S.; James, P.; Gledson, A.; Shaddick, G.; Haines, R.; Lannelongue, L.; Lines, E.; Hosking, S.; Topping, D. (2023). *We should prioritize environmental sustainability when using AI and Data Science methods*. *Nature Geoscience*.  
Manuscript accepted, and publication in progress.

Kasraian, D.; Merdock, H.; Imani, A. F.; Yu, Y.; de Nazelle, A.; Stead, D.; Kahlmeier, S. (2023) *Sustainable Urban Mobility Plans (SUMP) and co-benefits on global public health from a European perspective*. Report funded by European Public Health Alliance (EPHA)  
Publication in progress.

Gleave, R.; Papworth, S.; Bauman, D.; Portugal, S.; Zhang, W.; Yu, Y.; Turvey, S. (2023). *Seeing the wood for the trees: understanding resource selection at multiple spatial scales to inform conservation of the Critically Endangered Blue-crowned Laughingthrush*. *Diversity and Distributions*.  
Publication under review.

Data Study Group Team. (2023). *Data Study Group Final Report: Defence Science & Security Laboratory (DSTL) Using Topic Modelling to Discover New Trends in the Scientific Literature*. The Alan Turing Institute.  
<https://doi.org/10.5281/zenodo.10033237> (Group members: Alsayed, A.; Hussein, A.; Gallacher, J; Geelal, J.; L'eyebe,

- K.; Pat-Ekeji, D.; Rony, S.; Kr. Singh, C.; Wang, S.; Yin, K.; **Yu, Y.**; Zhou, L.; alphabetical authorship by surnames)  
**Yu, Y.**; Kang, A.; Narain, D.; Hemingway, R.; Burgman, M. (2022). *A systematic review of the state of knowledge on environment and the Belt and Road Initiative*. <https://doi.org/10.31223/X5KS91>
- Huan, Y., Wang, L., Burgman, M., Li, H., **Yu, Y.**, Zhang, J., & Liang, T. (2022). *A multi-perspective composite assessment framework for prioritizing targets of sustainable development goals*. *Sustainable Development*, 1– 15. <https://doi.org/10.1002/sd.2283>
- Burgman, M., Chiaravalloti, R., Fidler, F., Huan, Y., McBride, M., Marcoci, A., Norman, J., Vercammen, A., Wintle, B., & **Yu, Y.** (2022). A toolkit for open and pluralistic conservation science. *Conservation Letters*, 00, e12919. <https://doi.org/10.1111/conl.12919>
- Yin, Y. & **Yu, Y.** (2022). *How self-report affects digital health-related behaviour change and its potential broader application*. *Transactions on Computer-Human Interaction*. 12th International Conference on Applied Human Factors and Ergonomics (AHFE 2021) and the Affiliated Conferences. DOI: [10.54941/ahfe1002093](https://doi.org/10.54941/ahfe1002093)
- Yu, Y.**; Kang, A.; Holmes, C.; Hemingway, R. (2021). *A systematic review of the state of knowledge on the impacts of the Belt and Road Initiative at the global level, with a focus on Africa and Asia*. *Wildlife Conservation Society Annual Report* (Internal).
- Huan, Y., **Yu, Y.**, Liang, T., & Burgman, M. (2021). A method for assessing the impacts of an international agreement on regional progress towards Sustainable Development Goals. *Science of the Total Environment*, 785, 147336. <https://doi.org/10.1016/j.scitotenv.2021.147336>
- Yin, Y. & **Yu, Y.** (2021). *Suggestions for Behaviour-intervention Design Practitioners: from Behaviour Change Motivations for Chinese Aged 18 to 25*. *Proceedings of the Design Society*, 1, 2781-2790. doi:[10.1017/pds.2021.539](https://doi.org/10.1017/pds.2021.539)
- Shen, D.; Zhang, Z.; **Yu, Y.** (2016) *Thermal Comfort and Crowding on Public Transit, and Their Effects on Commuter Mode Choice in Beijing, China* Transportation Research Board 95th Annual Meeting. <http://docs.trb.org/prp/16-4866.pdf>

#### **AWARD, SCHOLARSHIP & FELLOWSHIP**

IC Trust General Fund - Conference Fund	Jun. 2023
Dean's Fund Awardee, Imperial College Faculty of Natural Science	Jun 2023 & Nov. 2020
Recognition Award, the Graduate Women International (Switzerland)	Jul. 2022
Chinese Students Awards, The Great Britain-China Educational Trust	May. 2022
Scholarship, the David and Lucile Packard Foundation	Apr.2021-Nov.2022
The Stevenson Fund Fellowship, Imperial College London	Jul.2020-May.2021
Full Scholarship, Chinese Government Scholarship to Columbia University	Aug.2016-Aug.2017
Scholarship, Chinese Government Scholarship (For excellent undergraduate)	Aug.2015-Jan.2016

#### **SOCIAL EXPERIENCE**

Facilitator, Data Study Group on “Topic Modelling to identify emerging science” at Alan Turing Institute	May. 2023
Department student representative, Centre for Environmental Policy, Imperial College	Sept.2021-Apr.2022
Member, Homeward Bound 6 – Female leadership in STEM	Dec.2020-Dec.2023
Participant, 2018 Global Youth Leadership Summit, Schwarzman College, Tsinghua University	Jul.2018
Deputy Minister, CAU Volunteering Dept. & Chair, CAU International Volunteering Platform	Oct.2013-Jun.2015

(Revised on December 11<sup>th</sup>, 2023)