

Katie S. Johnson, Ph.D.

Nationality: American **Date of birth:** 12/12/1984 **Phone number:** (+39) 0412346080

Email address: katie.johnson@cmcc.it

ORCID: <https://orcid.org/0000-0002-8369-8234>

Work: Edificio Porta dell'Innovazione - Piano 2 Via della Libertà 12, 30175 Venezia Marghera (Italy)

WORK EXPERIENCE

European Institute on Economics and the Environment (EIEE) – Venice, Italy

City: Venice | Country: Italy

Researcher in the Economic Analysis of Climate Impacts and Policies Division - Euro-Mediterranean Center on Climate Change (CMCC)

[05/2012 – Current]

- Climate adaptation policy analysis; research on adaptation policy governance, co-benefits of adaptation, flexible adaptation pathways; stakeholder engagement and participation (including Horizon Europe project IDAlert, Interreg Euro-MED project Heatsafe, and previously H2020 project TransformAr, Interreg Italy-Croatia project ADRIADAPT).
- Science to inform adaptation policy in urban and health sectors; support to the national adaptation reporting process in Europe, including assessment of national adaptation strategies and plans, multi-level governance; knowledge sharing platforms (through the European Topic Centre on Climate Change Adaptation and LULUCF - ETC-CA).
- Assistant Editor of EAERE Magazine (1/2018-12/2022) - coordination and publication of the quarterly magazine for the European Association of Environmental and Resource Economists (EAERE).

Fondazione Eni Enrico Mattei (FEEM) – Venice, Italy

City: Venice | Country: Italy

Researcher in the Climate Change and Sustainable Development Program

[05/2011 – 12/2017]

- Assessment of vulnerability, impacts and adaptation in cities and coastal areas; stakeholder participation (including FP7 project POCACITO).
- Climate policy analysis; coordination of publications for the International Center for Climate Governance (ICCG).

Center for Climate Systems Research, The Earth Institute, Columbia University – New York, United States

City: New York | Country: United States

Research Assistant in the Impacts Group

[01/2010 – 08/2010]

An Economic Analysis of Climate Change Impacts and Adaptations in New York State. Conducted research and interviews, presented project updates and results, and drafted chapters in a report to assess the economic costs of climate change impacts and adaptation strategies in New York State.

Columbia Water Center, The Earth Institute, Columbia University – New York, United States

City: New York | Country: United States

Research Assistant

[09/2008 – 09/2009]

- Abrupt Climate Change. Compilation and analysis of state water law and stream flow data to examine the relationship between historical climatic events and the creation of water laws in the Rio Grande Basin.
- Conflict and Cooperation in Transboundary River Basins in the Western United States. Data entry and analysis, presentation of results on water management and administrative rules governing interstate river basins in the Western US to further understand policy dilemmas and conflicts over freshwater resources.

 **GO Environmental** – Milford, United States

City: Milford | Country: United States

Environmental Analyst

[05/2006 – 07/2008]

Transaction Screen and Phase I Environmental Site Assessments, Ground Penetrating Radar surveys, and Phase II and Remediation field activities.

EDUCATION AND TRAINING

Doctor of Philosophy in Science and Management of Climate Change

Ca' Foscari University of Venice, Department of Economics [09/2010 – 12/2014]

Master of Arts in Climate and Society

Columbia University, Graduate School of Arts and Sciences [09/2008 – 10/2009]

Bachelor of Arts in Environmental Analysis and Policy

Boston University, College of Arts and Sciences [09/2002 – 05/2006]

LANGUAGE SKILLS

Mother tongue(s): English

Other language(s): Italian

PUBLICATIONS

[2024]

[Characteristics and conditions of adaptation policy in European Environment Agency member and cooperating countries](#)

Leitner, M., **K. Johnson**, A. Tamásová, W. Lexer, J. Munck af Rosenschöld, T. Dworak, A. Tamásová, A. Nikolova, W. Vanneuville

ETC-CA Report 2/2024

[2024]

[European Climate Risk Assessment](#)

Dasgupta, S., J. C. Semenza, E. J. Z. Robinson, **K. Johnson**, J. Rocklöv, A. Alessandrini, D. García León, R. Lowe, F. Natale, C. Caminade (2024) Chapter 7 Human Health. In European Environment Agency (Eds), European Climate Risk Assessment. <https://www.eea.europa.eu/publications/european-climate-risk-assessment>

Dasgupta, S., C. Caminade, **K. Johnson**, E. J. Z. Robinson, J. Rocklöv, R. Lowe, J. C. Semenza (2024) Chapter 14 Infectious diseases. In European Environment Agency (Eds), European Climate Risk Assessment. <https://www.eea.europa.eu/publications/european-climate-risk-assessment>

[2024]

Urban adaptation in Europe: what works? Implementing climate action in European cities

Contributing author via the European Topic Centre on Climate change adaptation and LULUCF

EEA Report 14/2023

[2024]

Responding to climate change impacts on human health in Europe: focus on floods, droughts and water quality

Contributing author via the European Topic Centre on Climate change adaptation and LULUCF

EEA Report 3/2024

[2023]

Decision-support tools to build climate resilience against emerging infectious diseases in Europe and beyond

Rocklöv, J., J.C. Semenza, S. Dasgupta, E.J.Z. Robinson, ..., **K. Johnson**, et al.

The Lancet Regional Health - Europe, 32, 100701

[2023]

Is Europe on track with climate resilience? – Status of reported national adaptation actions in 2023

Leitner, M., **K. Johnson**, A. Carosi, E. Sini, F. Brusa, W. Lexer, A. Lipsanen, J. Munck af Rosenschöld, T. Dworak, W. Vanneuvillle, A. Tamásová

ETC-CA Technical Paper 2/23

[2022]

Advancing towards climate resilience in Europe - Status of reported national adaptation actions in 2021

Leitner, M., A. Tamásová, A. Carosi, W. Vanneuvillle, J. Munck af Rosenschöld, E. Sini, W. Lexer, T. Dworak, **K. Johnson**, G. Galluccio

EEA Report No11/2022

[2022]

Climate change as a threat to health and well-being in Europe: focus on heat and infectious diseases

Kaźmierczak A., R. Lowe, K. van Daalen, **K. Johnson**, S. Dasgupta

EEA Report No 7/2022

[2021]

'Leaving No One Behind' in Climate Resilience Policy and Practice in Europe

Breil, M., M. Zandersen, P. Pishmisheva, A. Branth Pedersen, L. Romanovska, I. Coninx, M. Rogger, **K. Johnson**

ETC/CCA Technical Paper 2/2021

[2021]

Using Key Type Measures to report climate adaptation action in the EEA member countries

Leitner, M., T. Dworak, **K. Johnson**, T. Capela Lourenço, W. Lexer, W. Vanneuvillle, A. Tamasova, A. Prutsch

[2021]

G20 Climate Risk Atlas. Impacts, policy and economics in the G20

Spano, D., M. Armiento, M.F. Aslam, V. Bacciu, A. Bigano, F. Bosello, M. Breil, M. Butenschön, M. Cadau, E. Cogo, F. P. Colelli, J.M. Costa Saura, S. Dasgupta, E. De Cian, M. Debolini, A. Didevarasl, M. Ellena, G. Galluccio, R. Harris, **K. Johnson**, A. Libert, M. Lo Cascio, T. Lovato, S. Marras, S. Masina, P. Mercogliano, V. Mereu, J. Mysiak, S. Noce, C. Papa, A.S. Phelan, C. Pregagnoli, A. Reder, C. Ribotta, M. Sano, A. Santini, M. Santini, N. Sartori, E. Sini, C. Sirca, R. Tharmananthan, S. Torresan, A. Trabucco

[2021]

Adaptation to climate change in small coastal cities: The influence of development status on adaptation response

O'Donoghue, S., M. Lehmann, D. Major, G. Major-Ex, C. Sutherland, A. Motau, N. Haddaden, A.SMG. Kibria, R. Costanza, C. Groves, A. Behie, **K. Johnson**

Ocean & Coastal Management, 211 (2021) 105788

[2020]

Urban adaptation in Europe: how cities and towns respond to climate change

Kaźmierczak, A., S. Bittner, M. Breil, I. Coninx, **K. Johnson**, L. Kleinenkuhnen, T. Kochova, D. Lauwaet, H. Ørsted Nielsen, H. Smith and M. Zandersen

EEA Report No 12/2020

[2016]

Multi-hazard risk assessment of two Hong Kong districts

Johnson, K., Y. Depietri, M. Breil

International Journal of Disaster Risk Reduction, 19 (2016) 311-323

[2015]

Qualitative Scenario Building for Post-carbon Cities

Breil, M., C. Cattaneo, **K. Johnson**

Fondazione Eni Enrico Mattei Working Paper Series, 101. 2015 Nota di Lavoro

[2014]

Projecting future insured coastal flooding damages with climate change

Major, D. C., D. Bader, R. Leichenko, **K. Johnson**, M. Linkin

Review of Environment, Energy and Economics (Re3), 11 April 2014

[2013]

Projecting future coastal flooding damages with climate change

Major, D. C., R. Leichenko, **K. Johnson**, M. Linkin (2013) Projecting future coastal flooding damages with climate change

Review of Environment, Energy and Economics (Re3), 12 September 2013

[2012]

[Conceptualizing urban adaptation to climate change](#)

Breil, M., **K. Johnson**

Review of Environment, Energy and Economics (Re3), 6 August 2012

[2012]

[Conceptualizing urban adaptation to climate change: Findings of an applied adaptation assessment framework](#)

Johnson, K., M. Breil

Centro Euro-Mediterraneo per i Cambiamenti Climatici Research Paper Series, RP0131

[2012]

[Assessing Climate Change Costs and Benefits for Regional Ecosystems](#)

Johnson, K., R. Leichenko, D. Major

Review of Environment, Energy and Economics (Re3), 8 June 2012

[2011]

[An Economic Analysis of Climate Change Impacts and Adaptations in New York State](#)

Leichenko, R., D. C. Major, **K. Johnson**, L. Patrick, M. O'Grady. In C. Rosenzweig, W. Solecki, A. DeGaetano, M. O'Grady, S. Hassol, P. Grabhorn (Eds.), Responding to Climate Change in New York State: The ClimAID Integrated Assessment for Effective Climate Change Adaptation in New York State. Albany, New York: New York State Energy Research and Development Authority (NYSERDA).

Annals of the New York Academy of Sciences, 1244: 501-649