



# Harmony in the Wind:

Unveiling Social Impacts of Wind Farm Development, a scoping review

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# Energy in the wind

- Wind power development is rapidly expanding, with the ocean emerging as the next frontier.
- However, without proper attention, the offshore wind sector risks perpetuating inequalities and injustices already observed onshore.

# Energy transition

DOI: [10.1007/s11625-023-01312-5](https://doi.org/10.1007/s11625-023-01312-5)



# Blue Justice

DOI: 10.1016/j.marpol.2020.104387



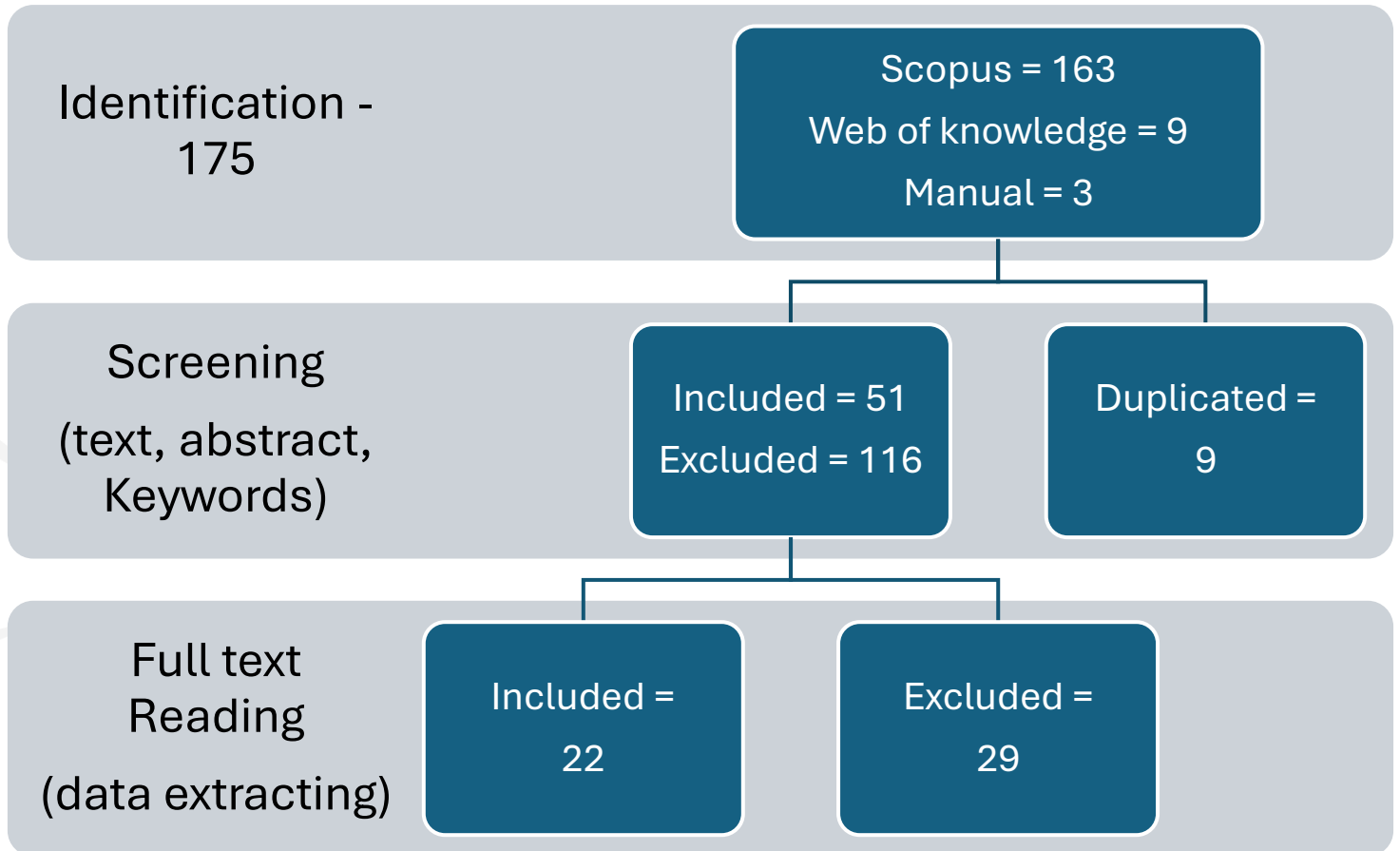


# Offshore wind energy impacts

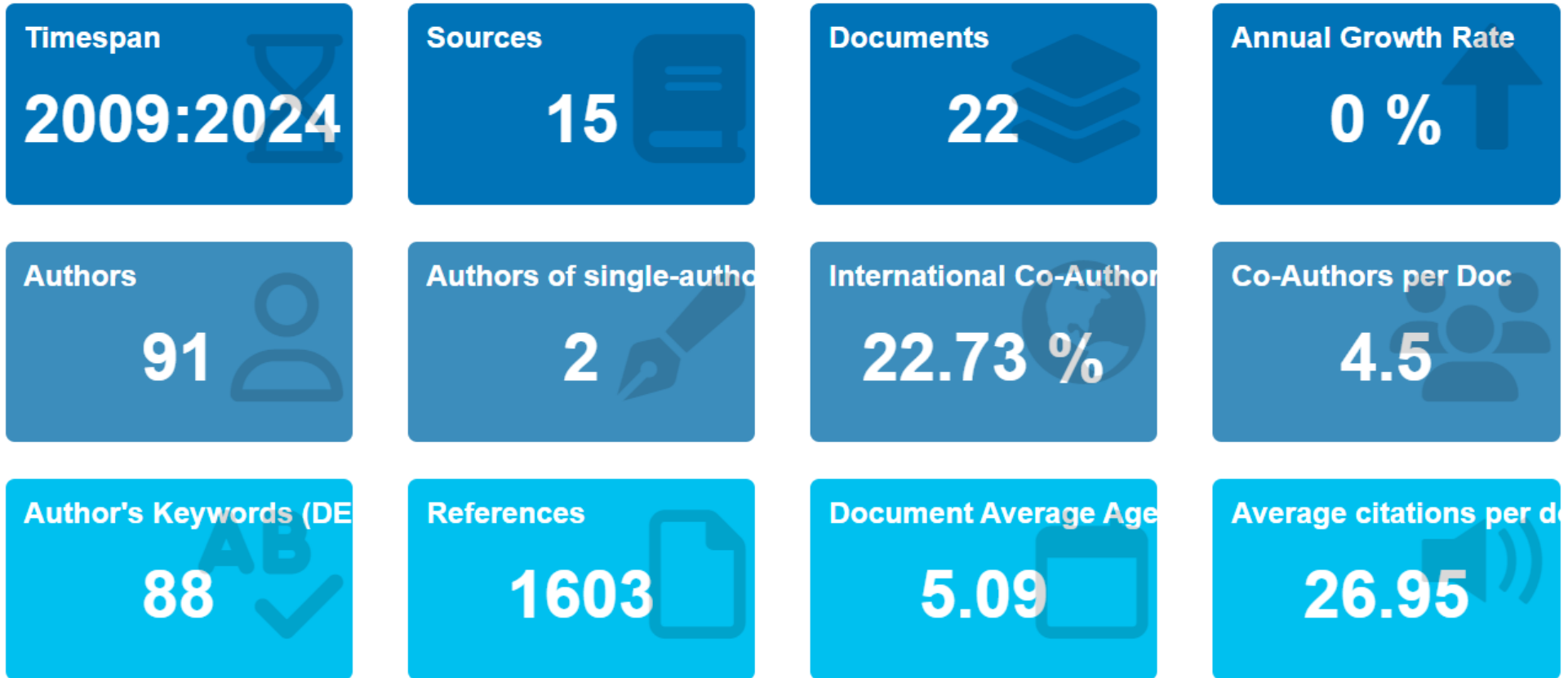
- How does the literature on social impact assessment of the offshore wind energy sector inform equitable energy transitions within a framework of blue justice?

# Scoping Review

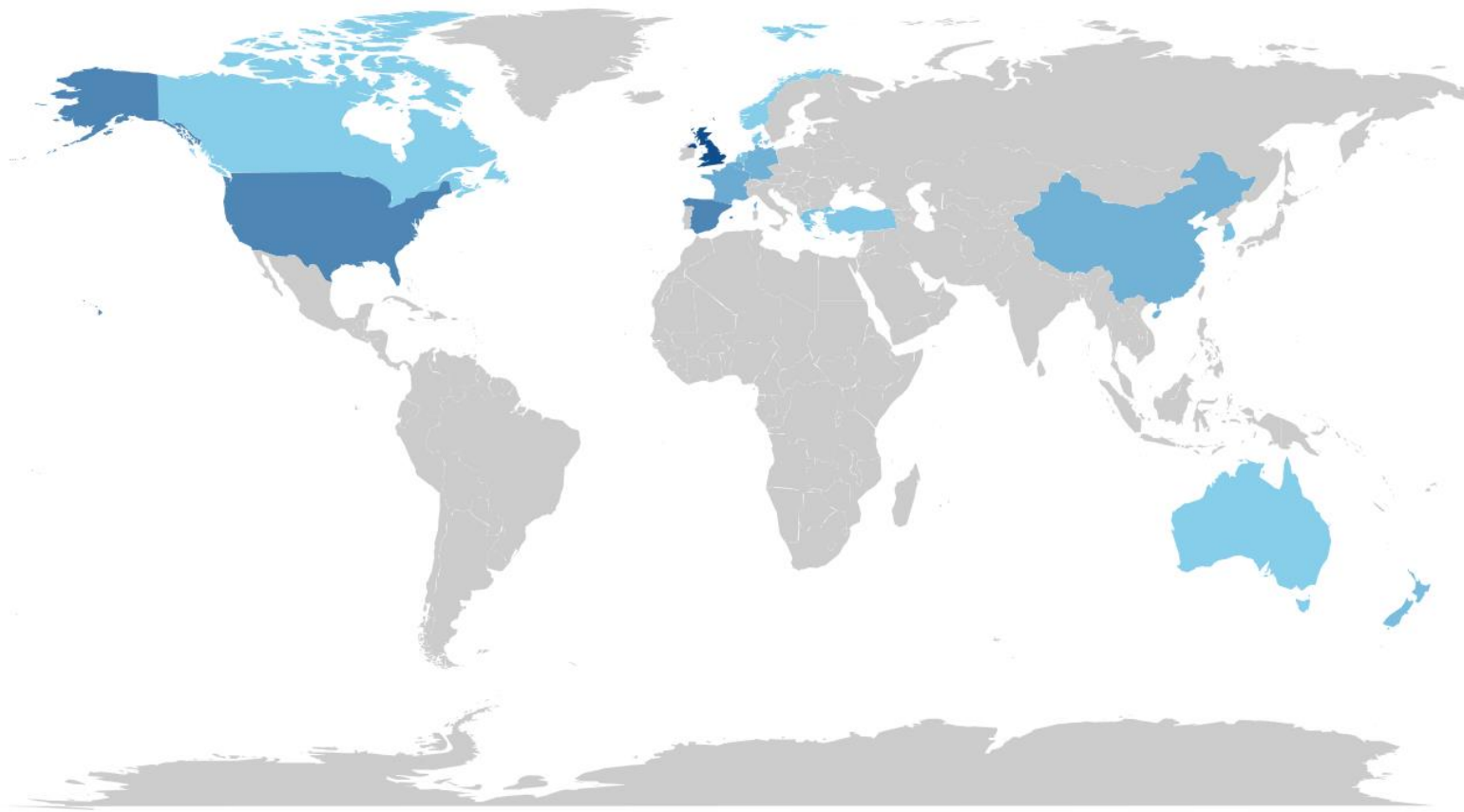
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repercussions" ) )*



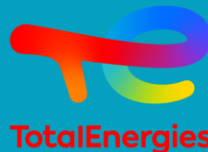
# Overview of selected articles



# Country's scientific production



Research Centre for  
Greenhouse Gas Innovation



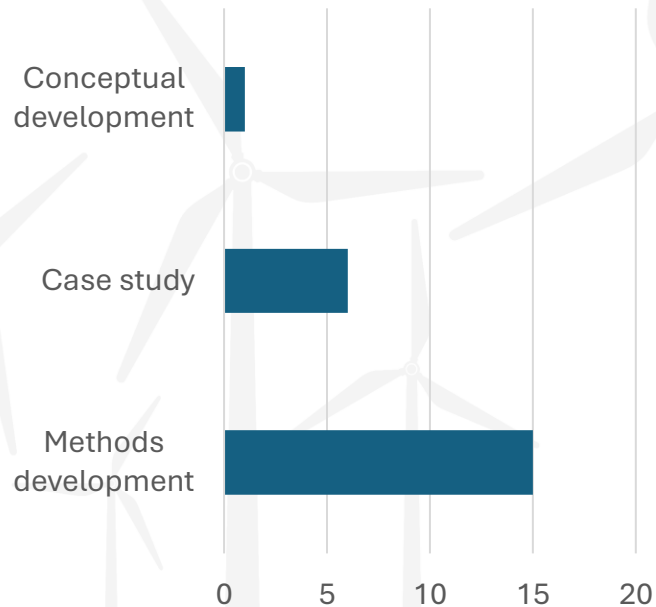
Cátedra UNESCO para Sustentabilidade do Oceano

Cátedra

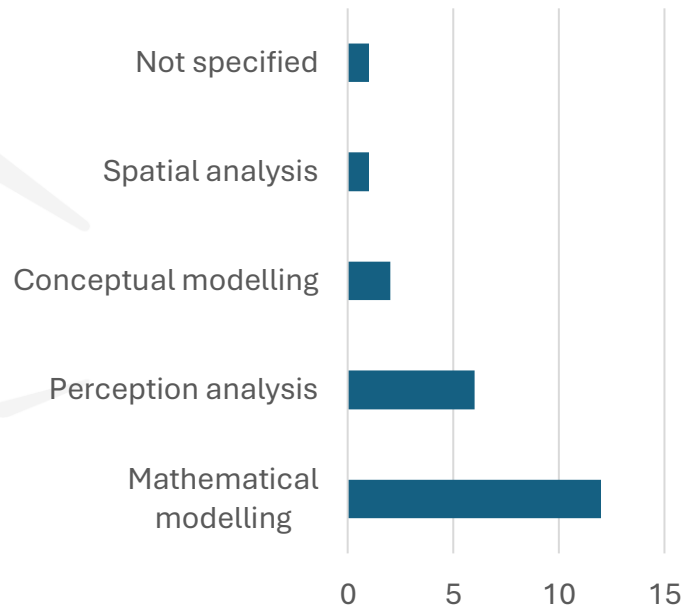


# Article characteristics

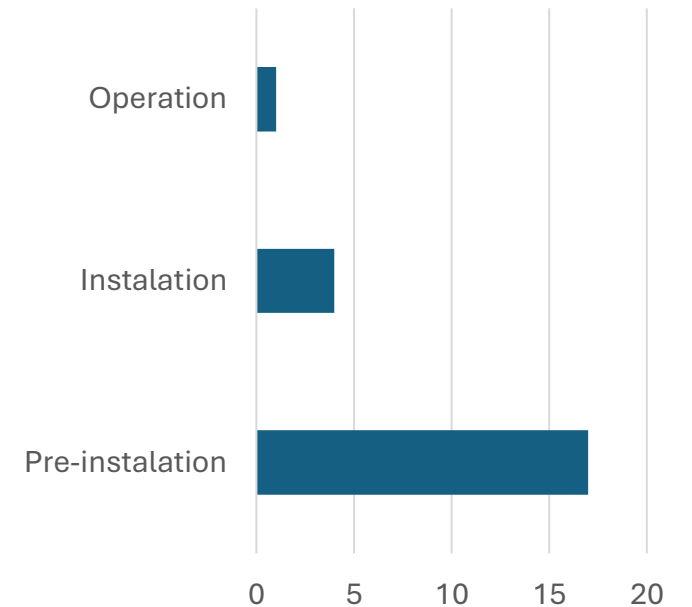
## Categories



## Method/Tool



## Development phase\*



# Impacts assessed



# Final remarks

## Main findings

- Limited number of studies focus on social impacts
- Studies are primarily concentrated on the pre-assessment phase and have a stronger economic focus
- Described impacts are mostly positive
- Studies provide insufficient support for Blue Justice

## Future works

- Improve existing methods
- Increase regional scope
- Extend assessments beyond initial OWF phases
- Implement ongoing monitoring
- Explore causal correlations: Ecosystem Services approach
- Global South studies needed



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