



The future of Blue Carbon science

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Top
pending
questions
in Blue Carbon
science



Q1. How does *climate change* impact carbon accumulation in mature Blue Carbon ecosystems?

Q2. How does *disturbance* affect the burial fate of Blue Carbon?

Q3. What is the importance of *macroalgae* as Blue Carbon sinks/donors?

Q4. What is the *global extent* and temporal distribution of Blue Carbon ecosystems?

Q5. How do *organic and inorganic* carbon cycles affect net CO₂ flux?

Q6. How can
organic matter sources
be estimated in Blue
Carbon sediments?

Q8. What is the
net flux of greenhouse gases
between Blue Carbon systems
and the atmosphere?

Q7. What
factors
influence Blue
Carbon burial
rates?

Q9. How can we
reduce uncertainties
in the *valuations*
of Blue Carbon?

Q10. What
management actions
best promote Blue
Carbon sequestration?