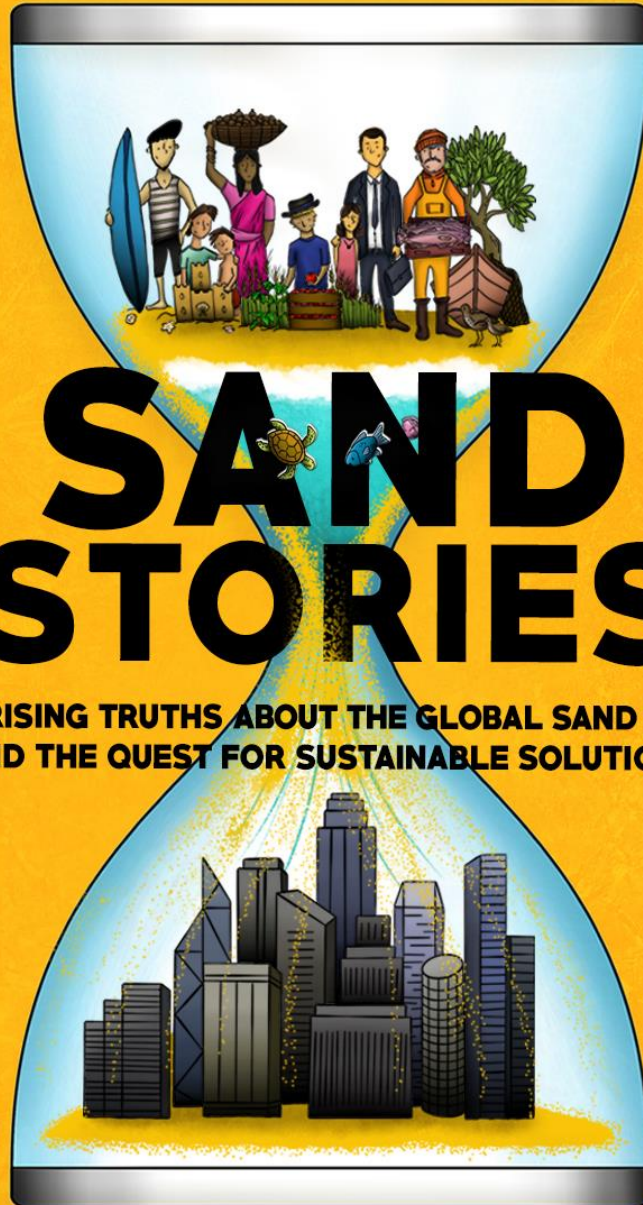


'This is a wonderful book with a wealth of potential solutions'
Jonathon Porritt CBE, Co-Founder of Forum for the Future



KIRAN PEREIRA

Foreword by Denis Delestrac, Director of *Sand Wars*

A DISCUSSION GUIDE

Welcome to the *Sand Stories* discussion guide! We created this group guide as a way for you to examine the book's concepts and share your aha's from Sand Stories with others – friends, colleagues, family or even complete strangers. Feel free to run through each question, or pick and choose talking points that speak specifically to you and your group. Keep in mind, each question is designed to spark deeper conversation and allow readers to draw their own conclusions on the importance of sand to their daily lives, both professionally and personally and the way forward. Enjoy your discussion!

SOMETHING TO TALK ABOUT

1. How many different types of sand have you encountered in your life so far?
2. How many sand-related idioms can you remember? What are they? (e.g., draw a line in the sand) Are there similar idioms in other languages you know?
3. What is your first memory associated with sand? How important do you think it is for children from future generations (perhaps your own) to get opportunities to make memories in a similar fashion? Why?
4. When did you become aware of the role of sand in your daily life?
5. How do you think culture plays a role in how we value sand?
6. Have you watched the award-winning documentary *Sand Wars*? If yes, what were your thoughts on it?

7. What was the most surprising thing you read in the *Sand Stories* book?
8. What do you see as the biggest challenge facing us with regard to sand being used as a resource?
9. How do you think we can tackle this challenge?
10. Have you been to any artificial/reclaimed island or visited any beaches that benefitted from beach nourishment? If yes, what was your experience like? Do you know how the sand is kept in place?
11. Do you look at the list on ingredients on labels when you buy products such as make-up? Have you noticed titanium dioxide or silica mentioned?
12. Do you know of any person, company or organisation that uses/provides alternatives to sand in your region/country?
13. John Muir, the renowned naturalist, conservationist, and founder of the Sierra Club said “When we try to pick out anything by itself, we find it hitched to everything else in the Universe.”. What are your thoughts on this? What did you discover in the *Sand Stories* book?
14. What is your take on the Circular Economy? Can you adopt it in your line of work? How are you going to incorporate it into your life?
15. What was your favourite part of the book?
16. Who in your personal circle do you think needs to hear this message about sand? / Do you know any architects, designers, landscape architects, environmentalists, teachers, geologists, biologists, chemists, sustainability professionals, surfing enthusiasts and anyone who loves this planet? Have

you asked them if they have heard about this topic and what we can do about it?

17. How can governments be made more accountable?

18. What are your thoughts on (*pick one*) The Public Trust Doctrine, The Duty of Care, The Precautionary Principle?

19. What are your thoughts on the alternatives to sand mentioned in the book for a variety of industries such as the construction industry, the solar industry, the green tire industry? Why do you think these alternatives have not yet become mainstream options? What can be done to change this?

20. Have you ever visited/seen any buildings that were built using natural building techniques? What are your thoughts about such construction methods? If you've never seen them, here are a couple of examples:



Image Credit: A rammed earth wall forming part of the entrance building to the Eden Project in Dorset, England. ©Andrew Dunn-CC BY-SA 2.0



Image Credit: Straw Bale House, CAT Inside a partially built straw bale house, ©Hayley Green-CC BY-SA 2.0