



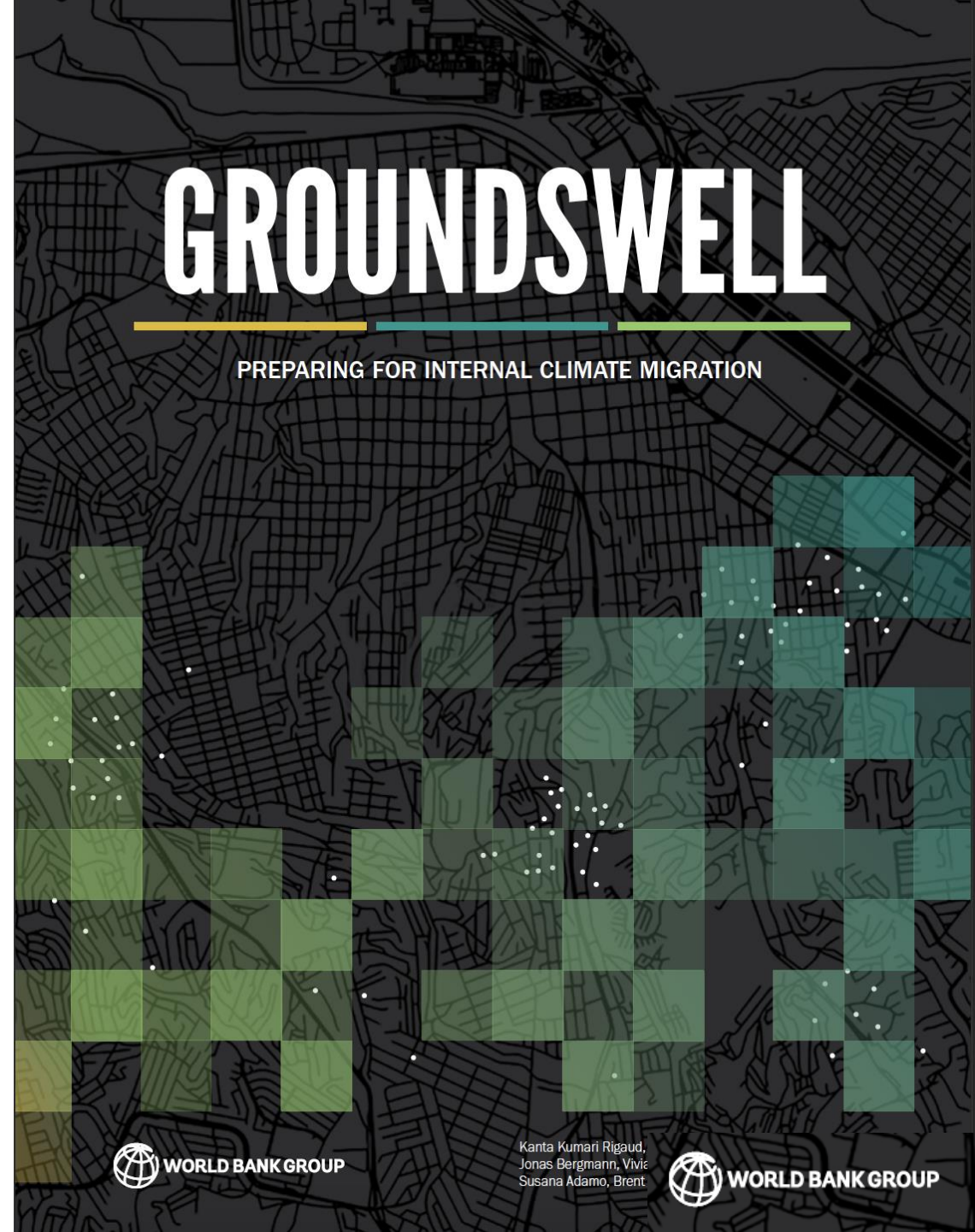
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Building a proactive strategy to minimize the impacts of Climate Migration

Dr Ravi Fernando



GROUNDSWELL

PREPARING FOR INTERNAL CLIMATE MIGRATION



Chapter 1- The Reality (Page 18 & 19)

‘Business must wake up to the reality of operating in a Warmer, Water constrained & **Uninhabitable** World...

- *HOW WILL HUMANITY COPE WITH THIS CRISES?*
- *WILL WE SEE ENVIRONMENTAL MIGRATION AT AN UNPRECEDENTED RATE ?*
- *HOW MUST NATIONAL AND BUSINESS LEADERS ADDRESS THIS ISSUE WITH URGENCY?*

❑ Published by PARTRIDGE November 2015

❑ 2011-2013 Cambridge University Research
5 years Ago!!

Need for climate change **adaptation**



143 million

2010-2017

62% - Climate

38% - Conflict

Common Challenges in the regions

- All three sub-regions have **areas of water scarcity and large shares of population** that depend on agriculture,
- Dependency on agriculture—especially **rain-fed agriculture**—is high in all three sub-regions



© Dina Ionesco

Where will they move?

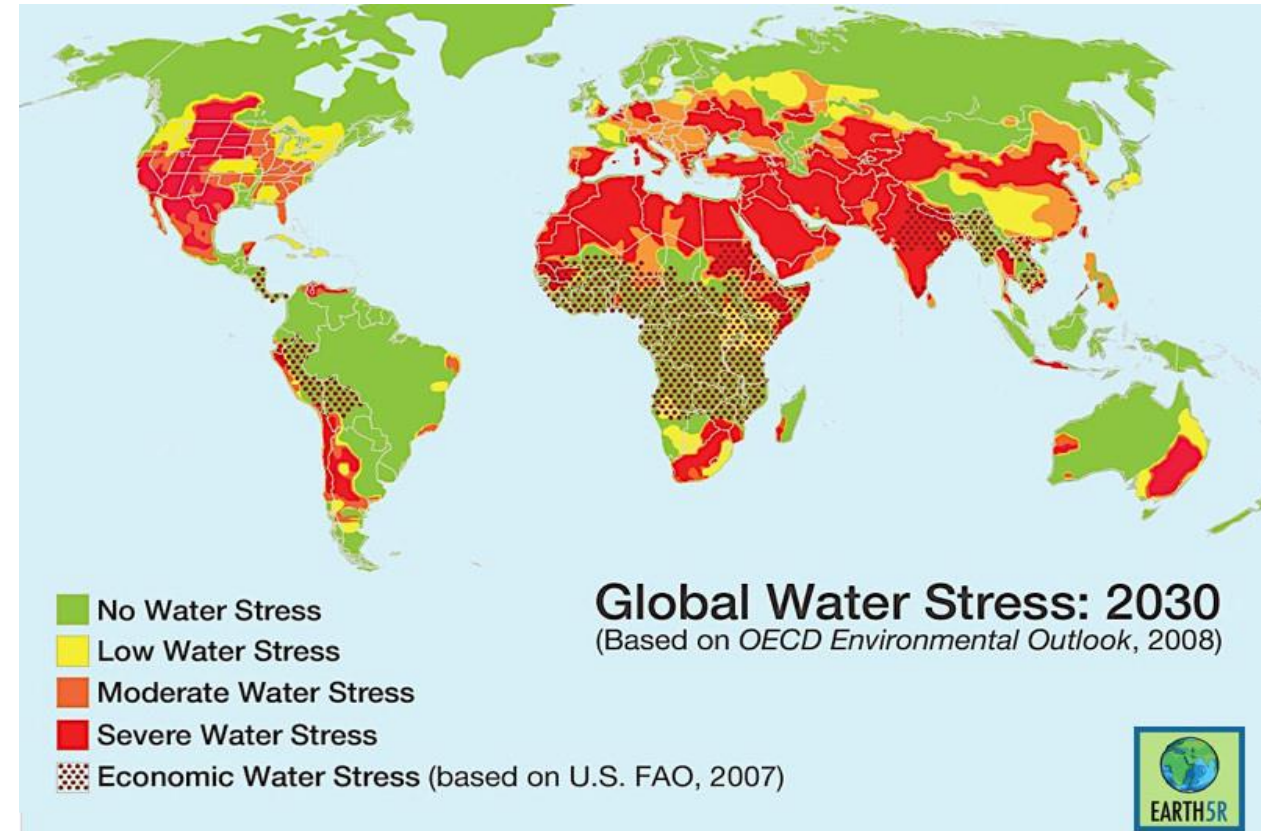
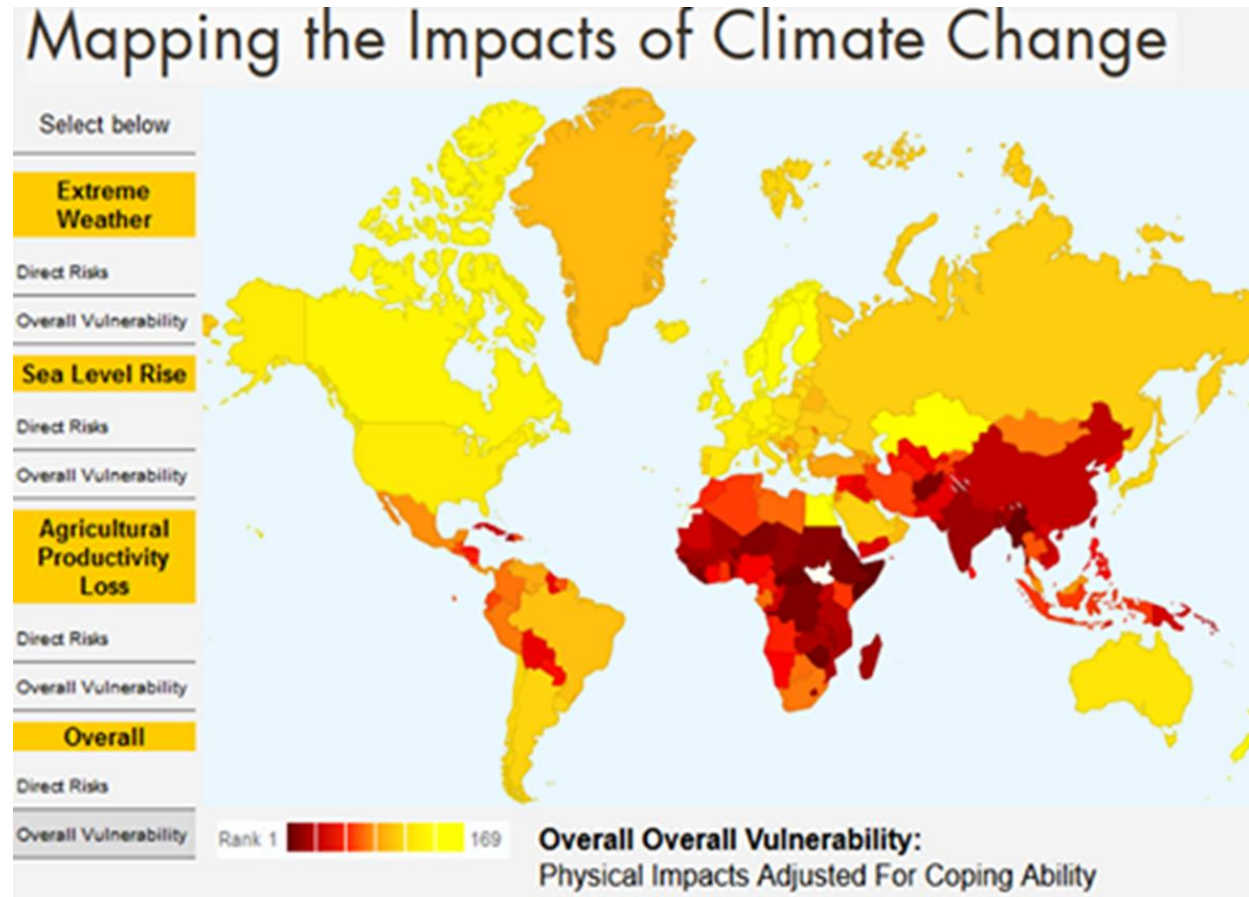


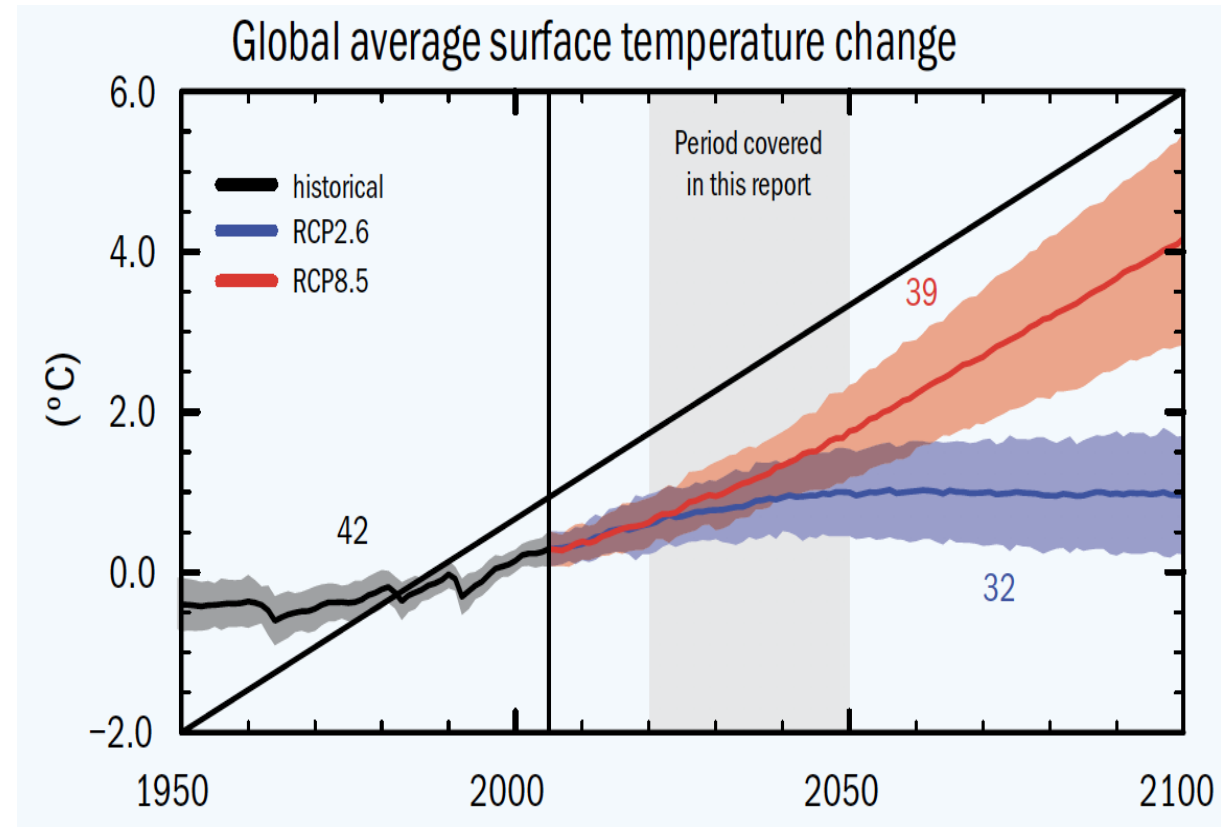
Photo source OECD

WHY THE WATER CRISIS IS GRAVER THAN WE THINK- by NISARG GOHIL

16 of 17 of the hottest years have been since 2000



2018 August 41-51°C



WHY ARE THEY CLIMATE MIGRANTS?

➤ **WATER SCARCITY** ➡ **FOOD ?**

➤ **EXTREME WEATHER - The New normal?**

-EXTREME TEMPERATURES

-DROUGHT & FOREST FIRES

-HURRICANES & FLOODS



Percentage of occurrences of natural disasters by disaster type (1995-2015)

Proactive Sustainable Financial Investments

Invest in
desalination
and precision
agriculture



Invest in
renewable
energy i.e. solar
and battery

Invest in circular
economy
management



Invest in
reforestation

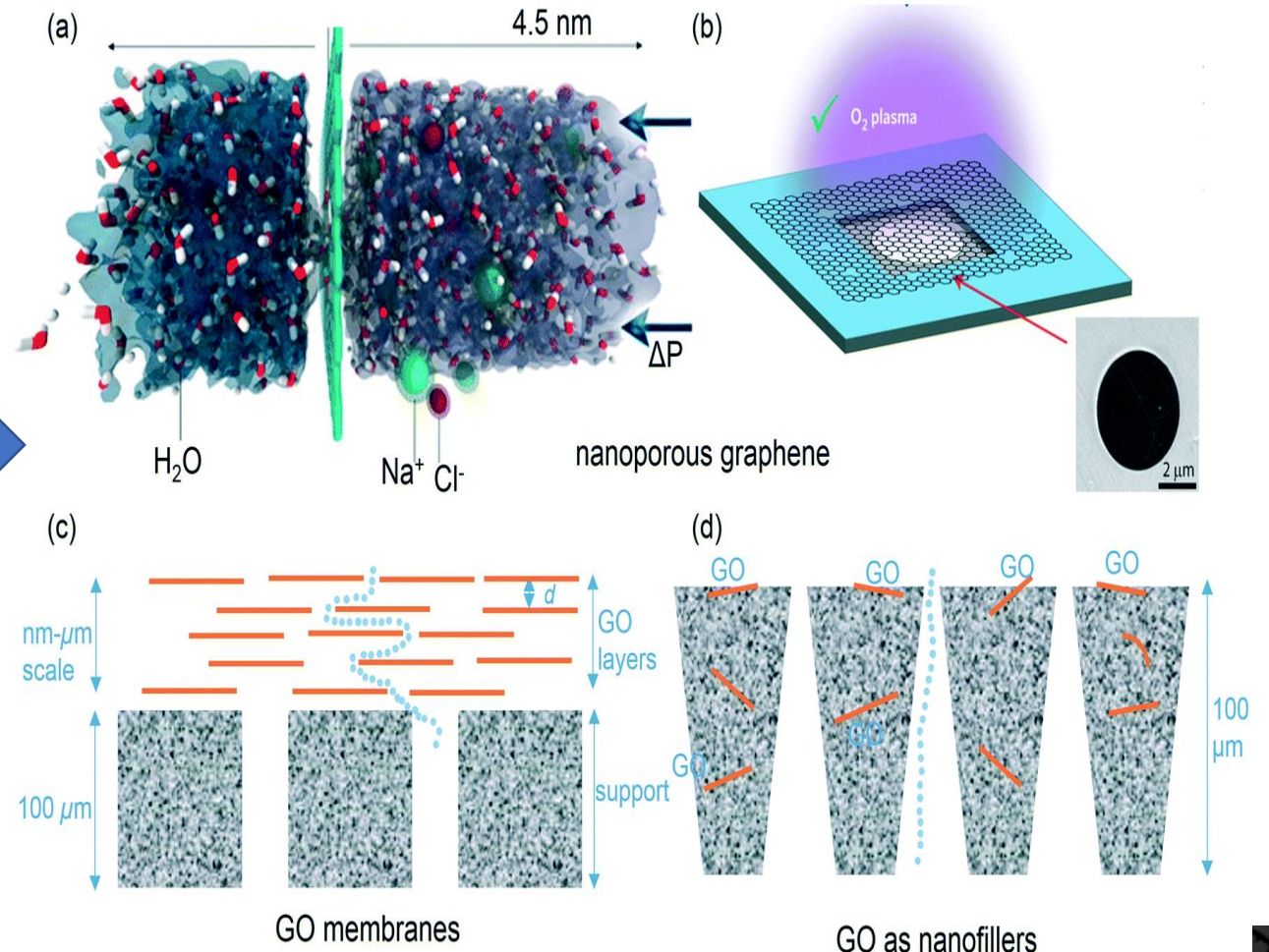
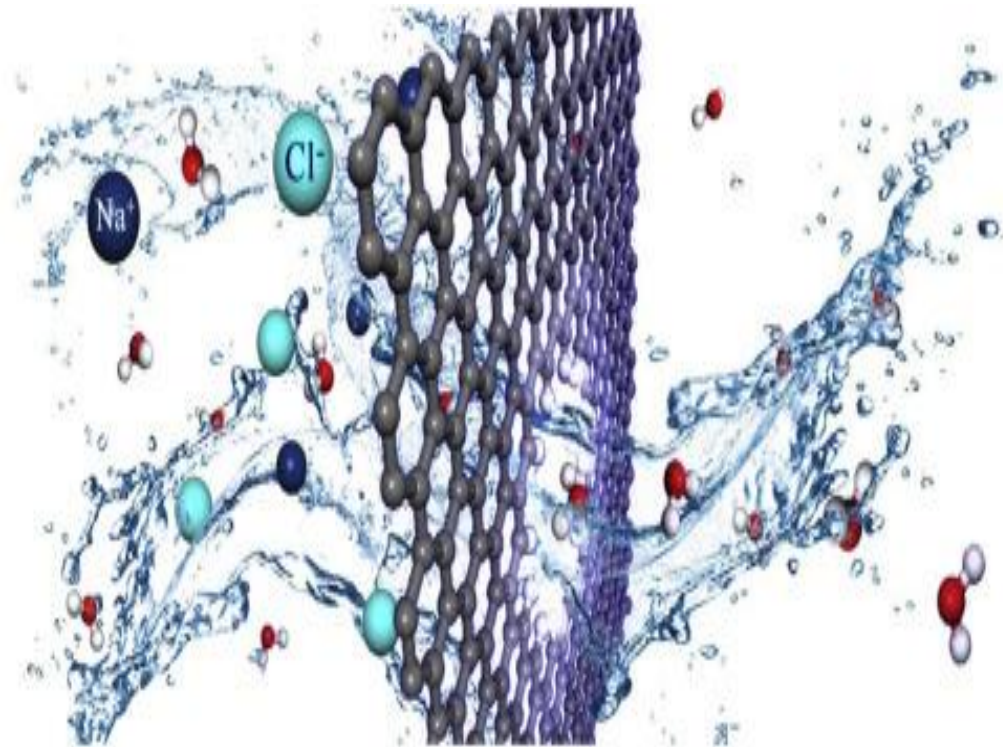


- 80-90% LESS WATER ?
- Delivers 4 times the yield
- Does not depend on rain fall or land



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Creating Coalitions for Sustainable Finance

FIN.INSTITUTION	TECH PROVIDER	FUNDING PARTNERS
Luxembourg & EU banks i.e. EIB / Bank Paribas	Global Technology partner i.e. Tesla, Suzlon, Amazon, Trina Solar	Partners & Stakeholders Supporting the investment i.e. Govt.etc, AIDB

**What PROACTIVE Strategy
will Luxembourg and EU
pursue to minimize the
risk of Climate Migration?**

Thank you!

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