

Issue: 4 Volume: 1 2022 ISSN: 2652-7987 (Online) ISSN: 2652-7995 (Print)



THE BLUE PLANET

A MAGAZINE ON SUSTAINABILITY
TOWARDS KNOWLEDGE SHARING

Editorial

By

Dr Alison-Jane Hunter
& Dr Kuntal Goswami

Published by



ACSIDRI

KNOWLEDGE PRESS

Issue: 4 Volume: 1 2022 ISSN: 2652-7987 (Online) ISSN: 2652-7995 (Print)



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A MAGAZINE ON SUSTAINABILITY
TOWARDS KNOWLEDGE SHARING

...We pose
MAGESTIC
ONLY when
we are in our
NATURAL
habitat...

*Aspire to attaining Sustainability?
Let's understand contemporary
Sustainability or ESG Frameworks*

...and MORE on
Carbon Accounting,
Sustainable Finance,
and on how climate
change & Biodiversity
loss are intertwined...

#biodiversitymatters

I ♥ NATURE

PHOTOGRAPHY SERIES

Photography by Alankar Chandra

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Photograph by: Ratnadeep Khan

Editorial

The Blue Planet is a multi-disciplinary magazine published by ACSDRI – Knowledge Press, a publishing unit of the Australian Centre for Sustainable Development Research & Innovation (ACSDRI) – A Research Foundation.

This magazine aims to disseminate knowledge and propagate dialogue on the sustainability agenda to a mass audience. The magazine accepts topics related to Sustainable Development Goals (SDGs), green innovation relating to SDGs, the circular economy, public policy, green projects, management, environmental science, and other related topics. The magazine has both print (ISSN: 2652-7995) and online (ISSN: 2652-7987) versions. The magazine welcomes scholarly contributions in the form of articles and reports from both academics and professionals.

In this edition, the magazine has eleven chapters covering various topics that contribute to the sustainable development agenda. The cover story introduces a conceptual understanding of carbon accounting and sustainable finance. The article highlights that sustainable investment has grown by 55% between 2016 and 2020. Globally, the cumulative value of sustainable investment is about \$35.3 trillion in 2020.

The article by Lotti Fraser and Duncan Power educates readers about how the multi-dimensional approach of Dana Asia helps marginal communities in the Philippines fight poverty and plastic waste. Dr. Ritu Bhati's action research is grounded on the objectives of SDG-7 and provides a model on how to educate youth about energy conservation to bring about behavioural change among the younger generation.

Dr Jacob Deem provides an insightful understanding of the power dynamic between government, citizens, and business. The article educates on the freedoms and rights one can enjoy in a modern democracy. The collective authorship of Tarique Faiyaz, Dr Tari Vinaya Satyawan Savitri, and Nabeela Siddiqui presents how India's National Green Tribunal made a legal intervention to curb the menace of pollution of the rivers Ganga and Yamuna.

Attaining holistic sustainability is an aspiration of all communities of the world. Dr. Kuntal Goswami, Dr. Kazi Islam, and Winton Evers jointly provide insightful comparisons of all major contemporary sustainability frameworks and highlight the extent of sustainability practices among significant organizations worldwide. Dr. Steve Andrews explains how the "Healing Sea Country Program" of Envirotech Education empowers the Moreton Bay Island community to take the environmental initiative into their own hands and create an accredited local environmental workforce.

Subhomoy Bandyopadhyay presents a case study showing how a multi-national organization's sustainable procurement objective motivates its vendors to integrate and implement sustainability practices in its decision-making process and operation. In the article, Biofuels – The Renewable Energy Sector's Sleeping Giant Andrew Ly argues that biofuels are generally made relatively quickly from waste or by-products, thereby eliminating the need for ecosystem destruction due to open-cast mining or drilling kilometres into the Earth's crust for oil.

Mark Parnell, the ex-Green Senator of South Australia, reflects on the erosion of public participation rights as a retired environmental lawyer and member of parliament.

The final chapter is a photo-infographic series complementary to ACSDR's #biodiversitymatters campaign. In this edition, the theme highlights the interlinkage between climate change and biodiversity loss.

The magazine also illustrates nature photography to promote LOVE for NATURE. In 2022, ACSDR

The contributors of the I LOVE NATURE – Photography Series are as follows:

- ***Mark Freed.***
- ***Alankar Chandra.***
- ***Umar Belo Galadima.***
- ***Enam Elahe Mullick.***
- ***Mark Parnell.***
- ***Sateja Rajwade.***
- ***Dr. Veena Sagar.***
- ***Vinod Shalivahana.***
- ***Jayesh Bhanushali.***
- ***Arvind Ahir.***
- ***Jayesh Bhanushali.***
- ***Bhaskar Nandi.***
- ***Rupesh Chindarkar.***
- ***Ketan Talati.***
- ***Srinivas Mallela.***
- ***Sourav Mahant.***
- ***Sagar Shinde.***
- ***Ashok Manjanath.***
- ***S.V.S Rao.***
- ***Devi Prasad Rao***
- ***Kakuloor Rohith Sai Goud.***
- ***Ashish Makani.***
- ***Ashok Manjanath***
- ***Rupam Bose.***
- ***Nivetha R. S.***
- ***Dr Steve Andrews.***
- ***Ravindranath Srinath Amingad.***
- ***Dr Kuntal Goswami.***
- ***Sivarajan S.***
- ***Hamukuwa Daisy.***

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ACSDRI NATURE PHOTOGRAPHY CONTEST IN ASSOCIATION WITH GECCL AND VIBGYOR



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Bhaskar Nandi



Photography by
Sateja Rajwade



Photography by
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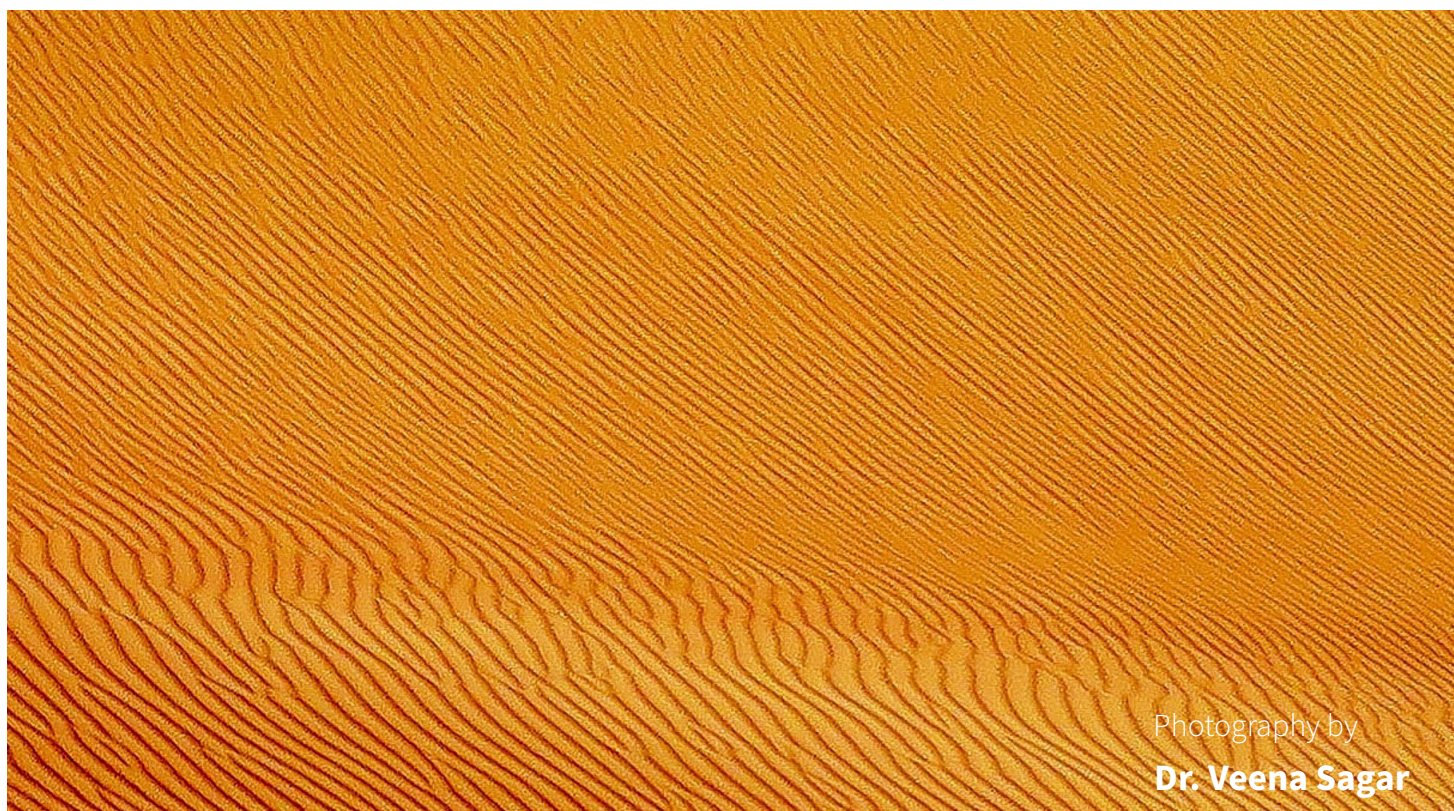


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ABOUT US

The Australian Centre for Sustainable Development Research Innovation (ACSDRI) is a not-for-profit research foundation with a key objective to promote research and education focusing on seventeen global Sustainable Development Goals.

OUR MISSION

To advocate for how to live within the ecological limits of this BLUE PLANET – Our ONLY Home.



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ACSDRI publish research articles, books, and scholarly articles in our multi-disciplinary magazine–THE BLUE PLANET.

Our flagship campaign, #biodiversitymatters, raises awareness to protect, conserve, and enhance the natural environment.

We also regularly conduct research seminars and conferences on various sustainability topics to promote ecologically sustainable development values and principles.

Key highlights of our activities in 2022

- Publication of the book - The Hidden Successes of Three Sustainability Policies Evidence from Three Australian States. They are published by ACSDRI- Knowledge Press. Visit: <https://acsdri.com/the-hidden-successes-of-three-sustainability-policies/>
- Conducted the #biodiversitymatters Nature Photography Contest in association with VIBGYOR and GECCI.
- We have conducted a public seminar titled “**Green Innovation & Sustainable Business Model-Pathway to Sustainable Development Goals**”, in association with EcoProfit, the Conservation Council SA, Carbon Neutral Adelaide, and Accounting & Business Care.

Learning from the 2022 Annual Seminar

Topic: Green Innovation & Sustainable Business Model-Pathway to Sustainable Development Goals

In the seminar, Darren Lutze, CEO of Inconmat (www.inconmat.com.au) showcased INNOVATION FOR SUSTAINABILITY in the construction and infrastructure industry. He mentioned that corrosion of steel reinforcement is one of the biggest problems in the construction industry.

It is estimated that Australia incurs about AU\$ 13 billion per year to repair or replace existing infrastructure due to corrosion of steel reinforcement.

The risk of corrosion is likely to be aggravated further due to climate change.

Darren Lutze educated the audience about Fibe Reinforced Polymer (FRP) Bars and Geopolymer Concrete, a couple of innovations in the construction and infrastructure industry.



Darren Lutze



Glimpses of the seminar



We also had a four-member **panel discussion** on the Green Innovation Sustainable Business Model moderated by **Matthew Wright-Simon**. The panel members were **Allys Todd** (ValAi www.valai.com.au), **Fiona Hancock** (EY www.ey.com), **Jacob Pickering** (Bourkehood www.bourkehood.com), and **Associate Professor Ashish Malik** (University of Newcastle www.newcastle.edu.au).

All panel members put forward their intellectual arguments on how we can advance the Green Innovation & Sustainable Business Model – Pathway to Sustainable Development Goals.



Allys Todd advocated to encourage the spirit of start-ups and innovators because they are self-motivated, nimble, flexible, new, lack the burden of experience, and, most importantly, are not averse to risk and failure. Hence, large corporates need to support multiple start-ups and innovators to create an ecosystem of green innovators.

Fiona Hancock highlighted the lack of policy certainty in sustainability over the past decade or so. She mentioned that there is a need for more financial options to fund the sustainability agenda. Fiona also urged more transparency, disclosure, and standardization of sustainability reporting frameworks.

Jacob Pickering explained about innovation funding and tax incentives for R&D. Jacob elaborated on what constitutes R&D. It is not necessarily one needs to build a spacecraft or to invent a new drug to constitute R&D. It can be as simple as a company creating a new way to handle their waste products or a new way to save costs. R & D incentive is designed to help businesses to undertake this challenging work.

Associate Professor Ashish Malik educated the audience on how to bring about “Societal policy change” in general and in the context of how to move away from the business-as-usual situation towards sustainability. Assoc. Prof. Ashish mentioned that, in general, we need to address three key stakeholders to bring about any societal change: academia, industry, and government – which make a triple helix structure.

We must also figure out how to make these three stakeholders work together. The issue is that these stakeholders often cannot decode each other’s communication.

As a solution, Assoc. Prof Malik elaborated on a theoretical term called the “Quadruple Helix,” which means creating a community of practice or facilitators. These fourth-dimension groups can engage with the community to create a network and a sense of trust so that people can work together.

Alls Todd

Jacob Pickering

Fiona Hancock



The full video can be accessed from the link below

<https://www.youtube.com/watch?v=rCBbFNs1zEs&t=1588s>



Associate Professor Ashish Malik

Matthew Wright-Simon

We also had the opportunity to listen to **Councillor Franz Knoll**, City of Adelaide, **Craig Wilkins**, Conservation Council of South Australia, **Mark Parnell**, Ex-Senator of Parliament of South Australia, and **Winton Evers**, EcoProfit.



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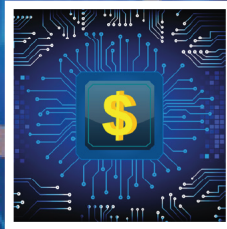
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Source: Global Risk Report

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