



SAARANSH **SPAB** Library Insight

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Welcome

SAARANSH is a SPAB Library's bi-monthly digital digest to communicate new developments in the knowledge and showcasing the potential of existing content for knowledge creation and validation.

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Compiler

Dr. Mukesh Pathak
Deputy Librarian

"Simply recycling isn't enough. Neither is buying organic food, nor changing light bulbs or switching off wall sockets... These steps are essential, but not enough, as what we really need to do is change our way of thinking. All our actions have an impact on the environment: we would be ignorant to deny that."

-Daniel Goleman

Ecological Intelligence

(click on the **red links** for more details)

What is Ecological Intelligence?

Ecological intelligence refers to our collective ability to understand the human impact on ecosystems and to act in ways that improve them.

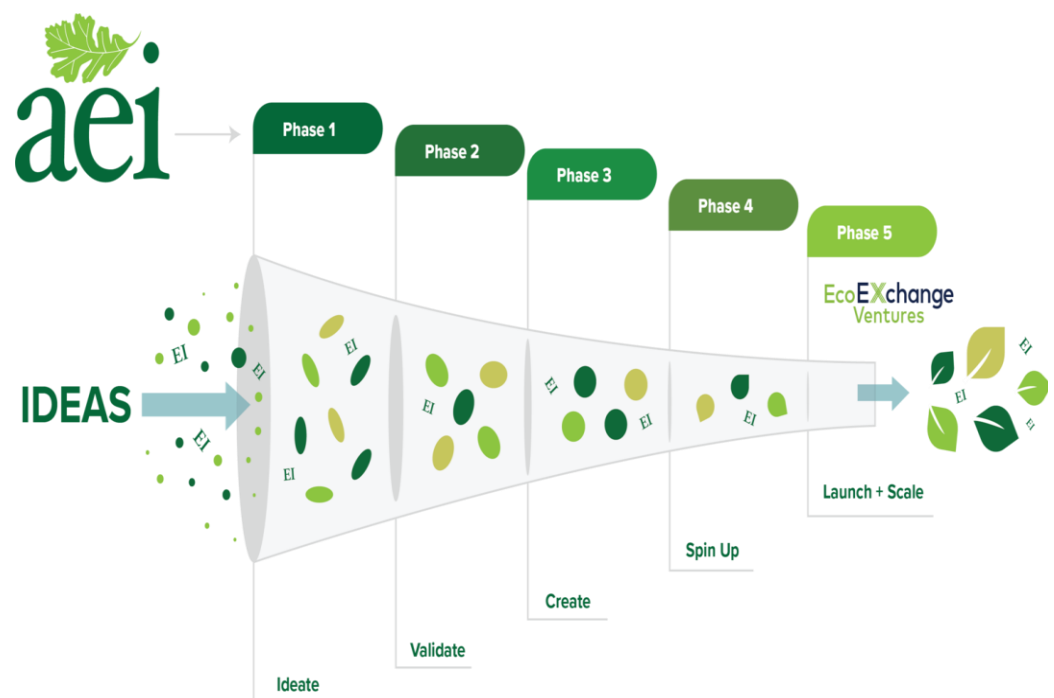
[Content Credit: **Scientific American**]

Daniel Goleman defines "ecological intelligence" as individuals' ability to apply what they learn about their impact on the environment to make changes in their behavior and live more sustainably.

[Content Credit: **Ecological Intelligence Teachers Guide**]

Living sustainably and reducing the impacts on the natural environment humans leave in require a special type of intelligence, named either naturalist or ecological intelligence. Broadly speaking, naturalist intelligence refers to the sensitivity and propensity of certain individuals to "read" the signs of nature, to develop a special relation with it and to be aware of its "suffering" and its "healing" necessities.

[Content Credit: **Vreja. L O & Balan, S (2018)**]



[Image Credit: **AeInstitute**]

Library Links

- [SPAB Library page](#)
- [Library OPAC](#)
- [IR@SPA Bhopal](#)

IR@SPA Bhopal is a digital repository with the objective to collect, preserve, and distribute the scholarly output of the SPA Bhopal and function as an important source of communication of the information generated through the day to day activities.

List & Links of Databases & Journals Subscribed by the SPAB Library

Full-text

- [ProQuest Dissertations and Thesis Global](#)
- [Art & Architecture Complete](#)
- [Sage Planning Coll...](#)
A Collection of 33 peer reviewed journals in the area of Planning are the part of this collection.
- [Bloomsbury Design Library](#)
- [Bloomsbury Architecture Library](#)
- [JSTOR](#)
- [Journals & Magazines](#)
Subscribed Journals and Magazines can be viewed on clicking above link

Statistical Databases

- [Indiastat.com](#)



[Image Credit: Aeinstitute]

Ecological Intelligence

Ecological intelligence refers to an individual's awareness and understanding of the complex interconnections between humans and the natural environment. It involves an appreciation of the intricate relationships between natural systems, as well as a deep understanding of the impacts that human activities have on these systems.

To develop ecological intelligence, individuals must be exposed to the latest scientific research and data on the state of the environment, as well as the impacts of human actions. This requires a multidisciplinary approach, encompassing fields such as biology, ecology, geology, and climate science. In addition, individuals must also be encouraged to develop critical thinking skills, so they can analyze and evaluate the information they receive, and make informed decisions based on this information.

The development of ecological intelligence is particularly important in today's world, where the negative impacts of human activities on the environment are becoming increasingly apparent. Climate change, loss of biodiversity, and degradation of natural habitats are just a few examples of the serious environmental problems facing our planet. These issues require urgent action, and individuals with high levels of ecological intelligence are better equipped to make informed decisions that contribute to sustainable solutions.

Moreover, ecological intelligence can play a key role in fostering environmental awareness and promoting sustainable behavior. For example, individuals with high levels of ecological intelligence are likely to be more attuned to the environmental impact of their own consumption habits, and may be more likely to adopt environmentally friendly practices, such as reducing their carbon footprint or using more environmentally friendly products.

Links of Open Access Contents

- [National Digital Library of India](#)
- [Directory of Open Access Journals](#)
- [Directory of Open Access Books](#)
- [Architecture Commons](#)
- [Planning Architecture Design Database Ireland \(Paddi\)](#)
- [Open Government Data](#)
- [Networked Digital Library for Thesis and Dissertations](#)
- [ARCHNET Resources](#)
- [Asian Historical Architecture](#)

In conclusion, ecological intelligence is an important aspect of environmental literacy and an essential component of creating a sustainable future. By promoting a deeper understanding of the relationship between humans and the natural world, and by encouraging individuals to adopt sustainable practices, we can work towards a more resilient and equitable planet for future generations.

[[Content Credit: ChatGPT/ OpenAI](#)]

Characteristics of Individuals with Ecological Intelligence

- Sensitive to both the environment and environmental problems, trying to produce constructive solutions.
- Do not hesitate to prevent local and global disasters affecting ecology and take action when necessary.
- Being aware of products that harm the environment and shaping their purchasing habits accordingly.
- Acting with a collective consciousness, informing people about nature and environmental problems.
- Being aware of the impact of ecology on human physiology and psychology.

[[Content Credit: RAILLY NEWS](#)]

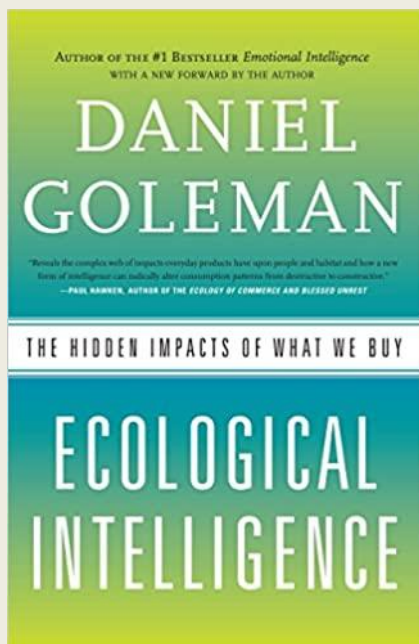
Websites / Videos

- [Center for Ecoliteracy](#)
- [Environment and Ecology](#)
- [Ecology and Society – Journal](#)
- [Ecological Intelligence and Ecological Sensitivity](#) / Dr. M Caroline Maria

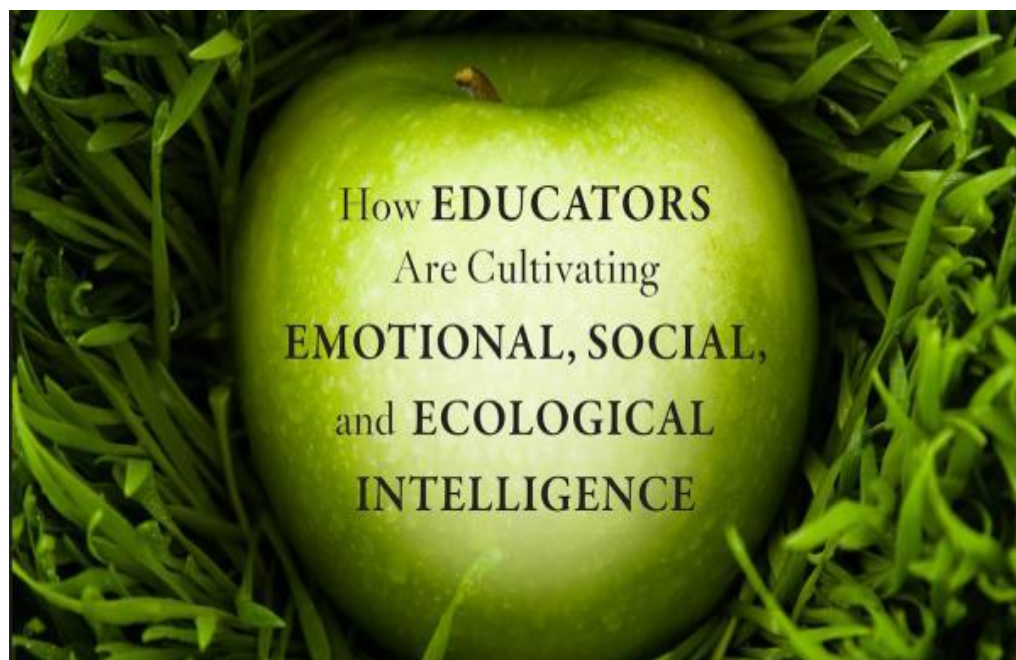
Further Readings on the topic Resources Available Online (Open Access)

Blog / Articles / Research papers/ Books (online) please click on [red link](#) for full-text

- [Ecological Intelligence and Environmental Education: My Journey](#) / Theresa M. Bouley
- [Ecological Intelligence: How Knowing the Hidden Impacts of What We Buy Can Change Everything](#) by Daniel Goleman / Thomas Joseph Doherty ([Book Review](#))
- [Ecological Intelligence](#) / Paul Stevens
- [Ecological Intelligence Towards Ecological Behaviour](#) / W. N. Hettiarachchi ([2020](#))



- **Development of Student Ecological Intelligence Through the Implementation of Ecopedagogy** / Akhmad Fauzi, Susan Fitriyasari, Dwi Iman Muthaqqin (2021)
- **Ecological Intelligence Teacher's Guide** / Daniel Goleman
- **The Relationship of Ecological Intelligence with Students' Environment care Behavior on Mangrove Ecosystem Materials** / Miller Ilela, Sihadi Darmo Wihardjo, Agung Purwanto
- **How to Live with Ecological Intelligence** / David Biello (2009)
- **Ecological Intelligence** / Muhammad Mukhtar Alam (2010)
- **Beauty as Ecological Intelligence: Bio-Digital Aesthetics as a Value System of Post-Anthropocene Architecture** / Claudia Pasquero and Marco Poletto (Architecture Design, Vol. 89 (5), 2019)
- **Ecological Intelligence Level of Hight School Students in Cimahi City** / Revi Mainaki, Wanjat Kastolani and Iwan Setiawan (GC-TALE 2017)
- **Improving Ecological Intelligence of Students Through the Utilization of Inorganic Waste in Making Flipchart as a Learning Media of Social Science** / Nur Rohiimatullah Azizah (International Journal Pedagogy of Social Studies, Vol. 3, No. 1, 2018)
- **Toward Greater Ecological Intelligence in the United States: Ten Statements with Statistics and Commentary Regarding Ecolabels** / Christopher Weddgin (Sustainability: Science, Practice & Policy, Vol. 6, No. 1, 2010)



[Image Credit: Center for Ecoliteracy]

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SPAB Library invites suggestions and valuable insights to make it important resource of information for SPAB Community