Mālaxmi®

Malaxmi Infra Ventures (India) Pvt. Ltd., established in 2007 and headquartered in Hyderabad, is committed to develop future-ready solutions in clean energy and decarbonization. Our objective is to drive innovation while ensuring long-term environmental and economic sustainability.

As the flagship company of the Malaxmi Group, we work closely with our subsidiaries and associate companies to deliver sustainable solutions and climate resilience strategies. Together, we are actively advancing initiatives in clean energy, water management, and eco-conscious infrastructure, contributing to a greener and more resilient future.

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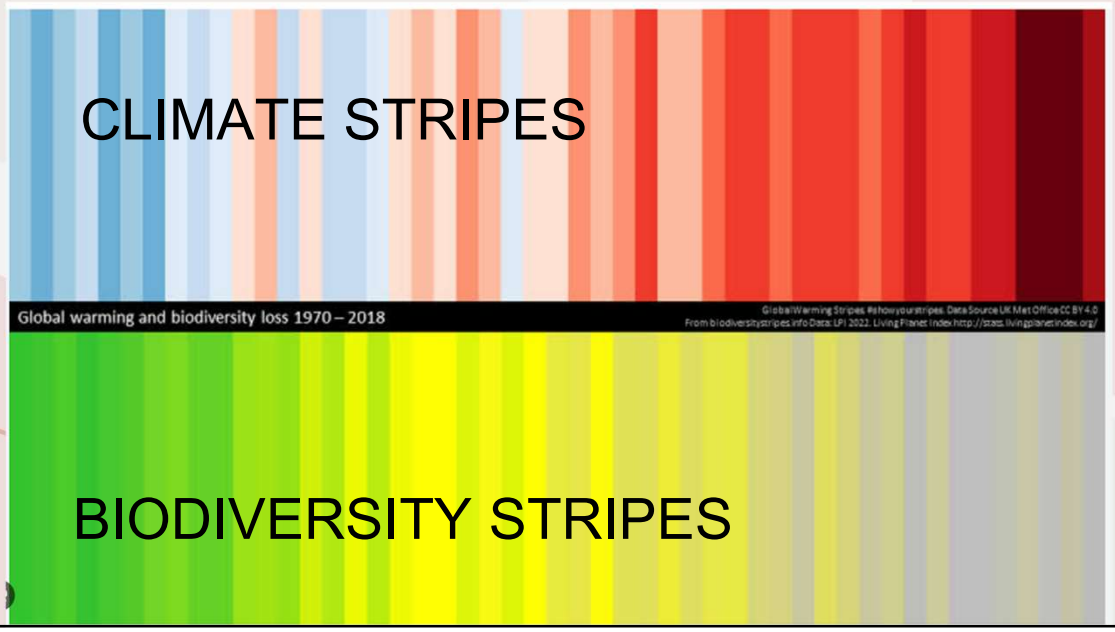

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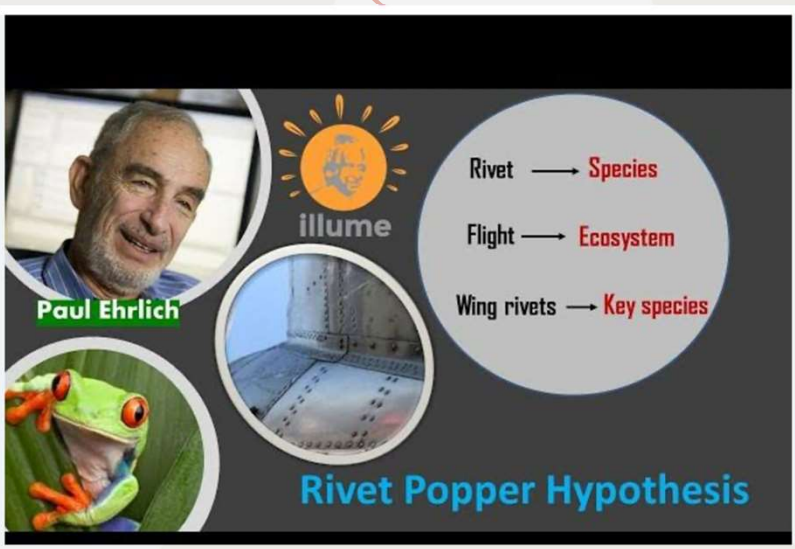

RIVET POPPER HYPOTHESIS

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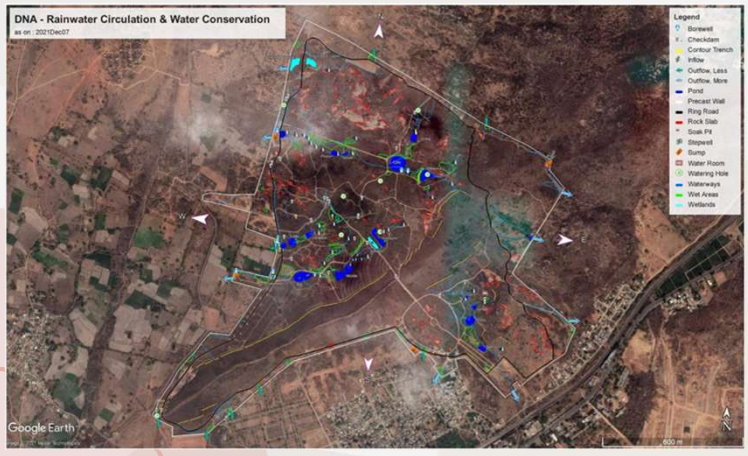

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Dharmavana Nature Ark – A Life-First Model for Biodiversity Conservation

- A 400-acre biodiversity & climate resilience initiative in the semi-arid Deccan Plateau @ BHONGIR, near Hyderabad
- Focus: Life First Principle – every decision is designed around supporting life.
- Unique approach: Water conservation reimagined through design thinking, long-term planning, and ecological sensitivity.

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DHARMAVANA
NATURE ARK

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Life First Principle
DHARMAVANA
NATURE ARK
Every intervention designed with the needs of species at the core.
Ramps for safe access for small & large fauna.
Nesting & egg-laying safe zones near water bodies.
pH-balanced cement and natural stone walls – ensuring water and structures are life-supportive.

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Conservation in the times of climate change

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Design Thinking for Ecosystems

- Water bodies shaped as perfect homes for aquatic life – as close to natural settings as possible.
- Integration of ponds, trenches, check dams, watering holes with life-first micro-designs.
- Hybrid approach: Traditional wisdom + modern ecological science.

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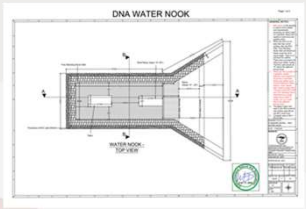

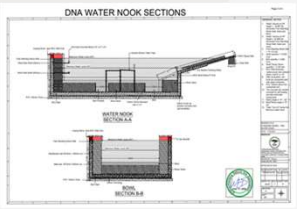

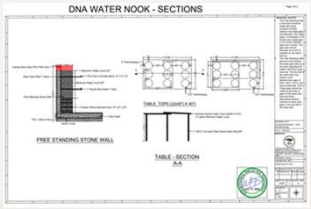

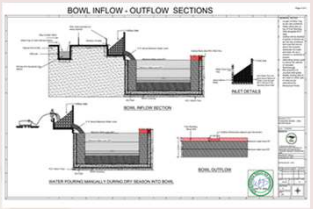

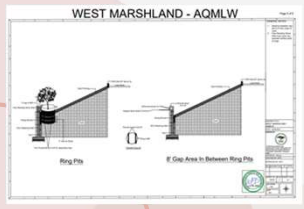

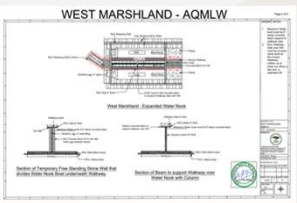

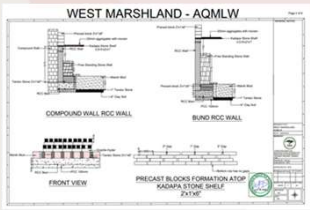

Proprietary Information - not for circulation or usage

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Long-Term Vision & Execution

- Built for the next five generations – not quick fixes.
- Continuous monitoring, documentation & research to evolve design further.
- Links water conservation to broader biodiversity & climate resilience goals.

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Impact on Biodiversity

- Revived semi-arid ecosystems through water security.
- Water bodies attract and sustain diverse fauna – birds, amphibians, mammals, insects.
- Safe breeding grounds created – strengthening local ecological cycles.
- Over 1,000 flora species conserved on site, including IUCN-listed ones, ecosystem restoration

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Proof of Concept

- Water bodies already functioning as vibrant ecosystems.
- Seed herbarium & documentation linked to aquatic ecology.
- Site visits by IFS officers exploring replication in forest ecosystems.
- Research outcomes being studied and monitored, will be published in peer-reviewed journals.

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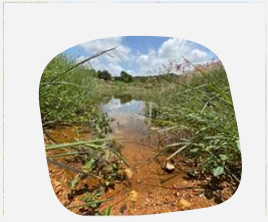
Replicability & Scalability



- Fully documented with design drawings, learnings, and scientific validation.
- Models adaptable for forest restoration, rural water security, and urban ecological parks.
- Life-friendly and adaptable to varied geographies.

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Why Dharmavana is Unique

- Goes beyond traditional water conservation or ecosystem rejuvenation.
- A living lab: Integrating field action, science, and advocacy.
- Scalable model for India and the world.

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Conclusion

- This project is not just conservation—it is systemic transformation.
- A model where water conservation and biodiversity thrive together.
- Life First, Science-led, Replicable, and Scalable.
- A unique project deserving recognition for its innovation, vision, and impact.

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Thank You

Dharmavana Nature Ark

Centre of Excellence for
Biodiversity & Climate Resilience

"Life First – Conservation for Generations"

www.dharmavananatureark.org

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