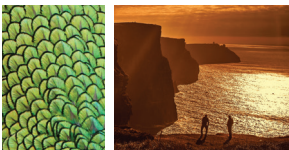
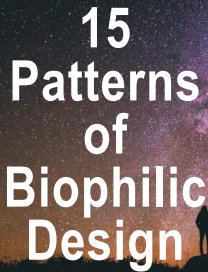


# 15 Patterns of Biophilic Design



## Nature in the Space

1. Visual Connection with Nature
2. Non-Visual Connection with Nature
3. Non-Rhythmic Sensory Stimuli
4. Thermal & Airflow Variability
5. Presence of Water
6. Dynamic & Diffuse Light
7. Connection with Natural Systems

## Natural Analogues

8. Biomorphic Forms & Patterns
9. Material Connection with Nature
10. Complexity & Order

## Nature of the Space

11. Prospect
12. Refuge
13. Mystery
14. Risk/Peril
15. Awe



**TERRAPIN**  
BRIGHT GREEN

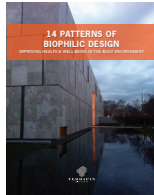
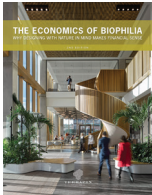
## Benefits of Designing with Nature

Biophilia is mankind's deep-seated connection with nature. It helps explain why crackling fires and crashing waves **captivate** us; why a view to nature can enhance our **creativity**; why shadows and heights instill fascination and fear; and why gardening and strolling through a park have **restorative healing** effects.

Biophilic elements have demonstrably real, measurable benefits for human performance metrics such as productivity, emotional well-being, stress, learning and creativity. More than 90% of a company's operating costs can be linked to salaries and benefits; and financial losses due to **absenteeism and presenteeism** account for 4%.

Building managers can retain **higher rents**; companies are more likely to see **improved productivity** among employees; hotels can garner more than 12% **higher rates** for rooms with water views; healthcare providers and patients can see financial benefits from **faster recovery** rates; and schools can experience gains in student **performance** and **reduced absenteeism**.

Terrapin is working with designers, corporations, and others to integrate biophilic design patterns to redefine workplace, community living, and educational environments.



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