

# Quality as an Environmental Mandate



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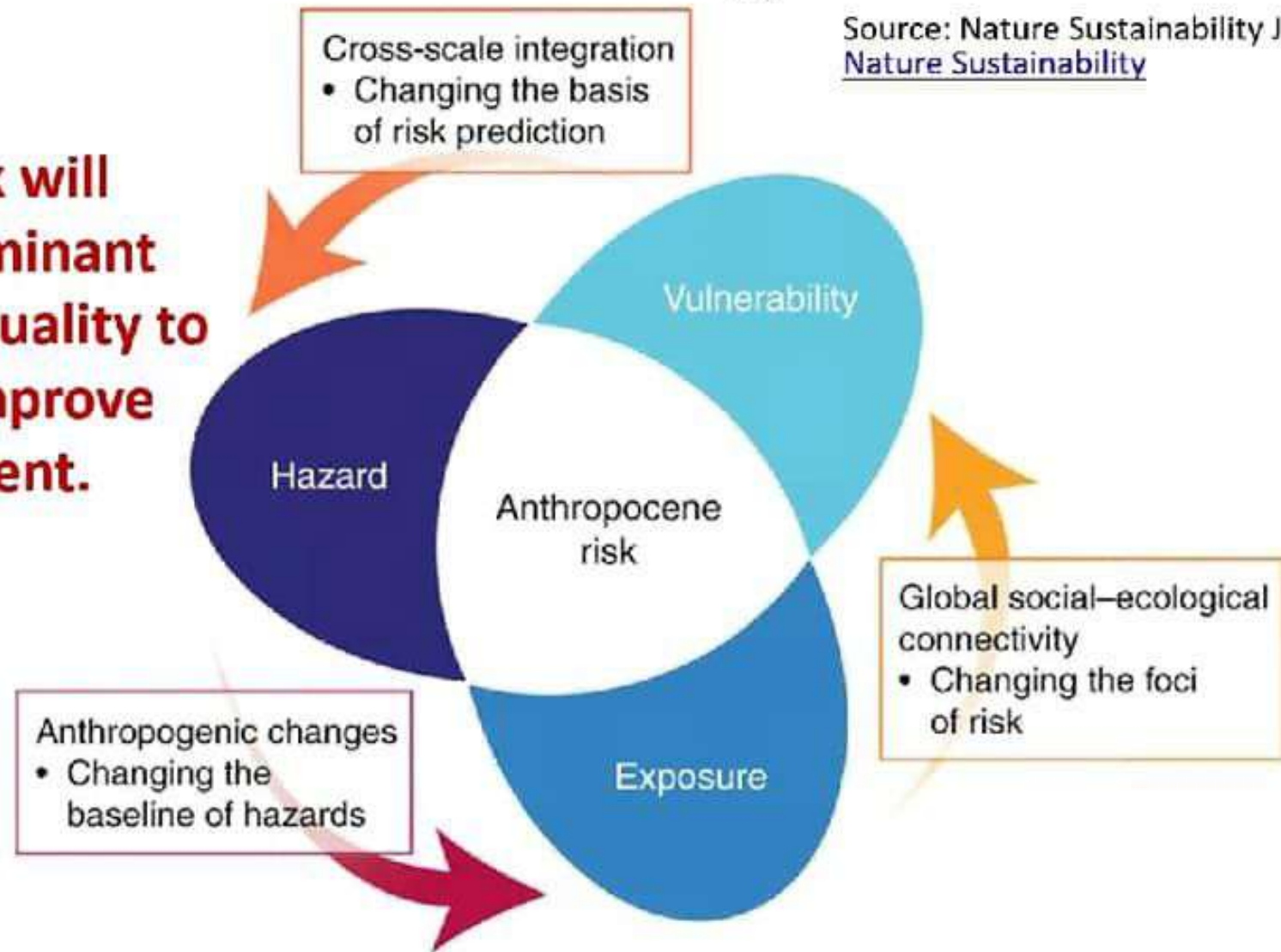


Quality Management  
Division  
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# Humans Must Learn to Manage the Risks!

Source: Nature Sustainability Journal  
[Nature Sustainability](#)

**Managing risk will become a dominant emphasis in quality to continually improve the environment.**





# Quality Assurance, Control & Improvement:

**Foundation to engage environmental improvement by quality methods.**

Joseph M. Juran perceived of quality as a parallel model to the financial acts of financial control, financial improvement, and financial planning.

If one adds the audit function to Juran's Trilogy (e.g., quality assurance and the "second set of eyes" accountants use for transactions but is the activity of quality inspection), then this analogy between finance can be considered complete.

The "job" of quality inspection, assurance, and auditing is to "check" in a way that assures that mistakes and problems do not influence outcomes.

The "job" of quality control is to maintain a stable system of processes in which the outcome is produced constantly with minimal variation (e.g., no shortfalls or over-achievements that are not planned).

The "job" of quality improvement and planning is to maximize the use of all resources (including human) while minimizing financial losses.