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- Depression, has the greatest burden of disease (WHO, 2017)
- Well-being is typically overlooked:
 Spain is ranked 34th in World
 Happiness index.

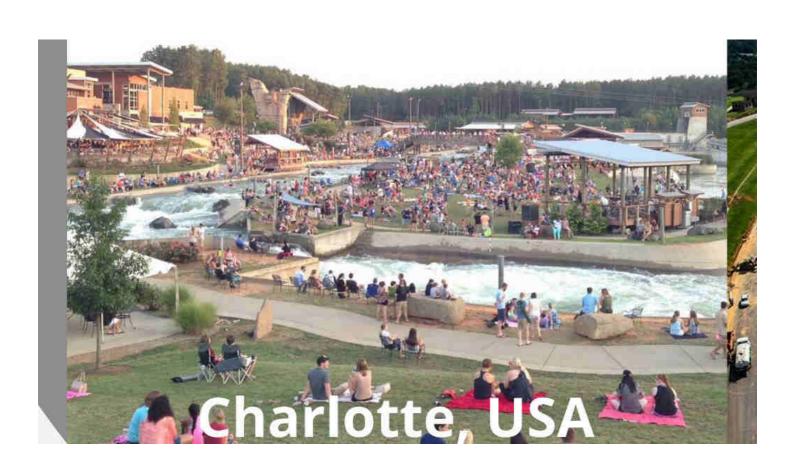
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Biophilia Hypothesis

- Wilson (1984) suggested we have an innate need to connect with animals and natural stimuli.
- Supported by early research suggesting two processes:
 - 1. Stress Reduction Theory
 - 2. Attention Restoration Theory
- Superceded by new models and methods grounded in Cognition and Action research.
- · www.phenotype.eu EU funded FP7 study

Restorative, Recuperative and Good for Environment

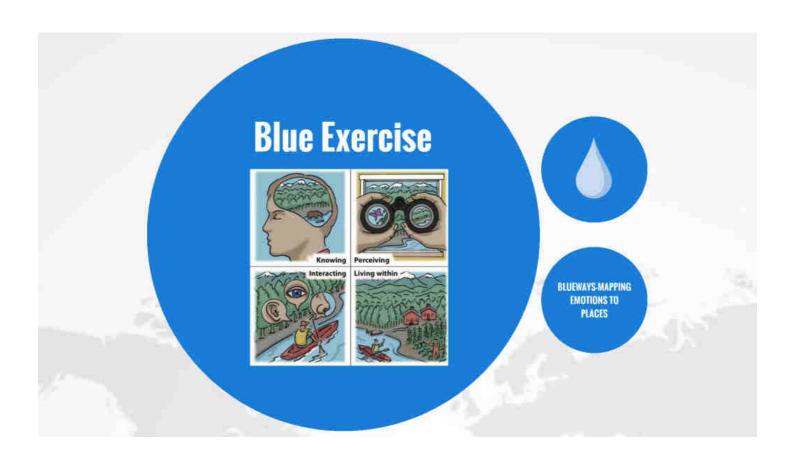
- Green space provides local residents with space/facilities to be active through formal or informal physical activity, or providing links that improve connectivity betwee n communities/areas
- Those active in green/natural environments are active for longer.
- Physical activity in green space confers additional health benefits.

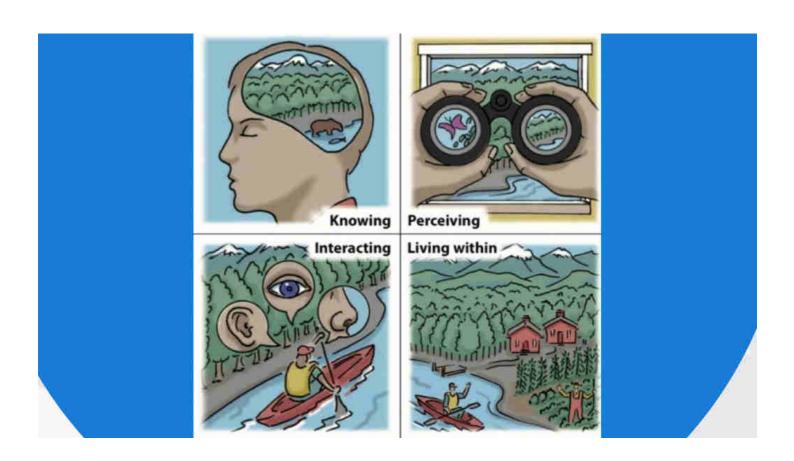
Mediated by Engagement

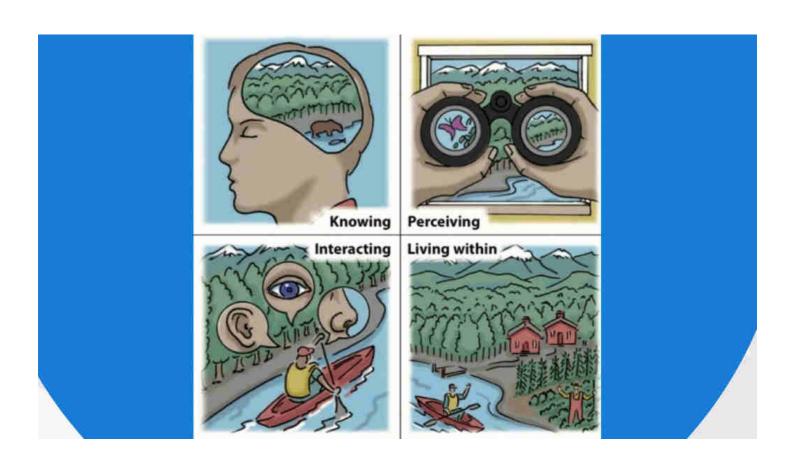




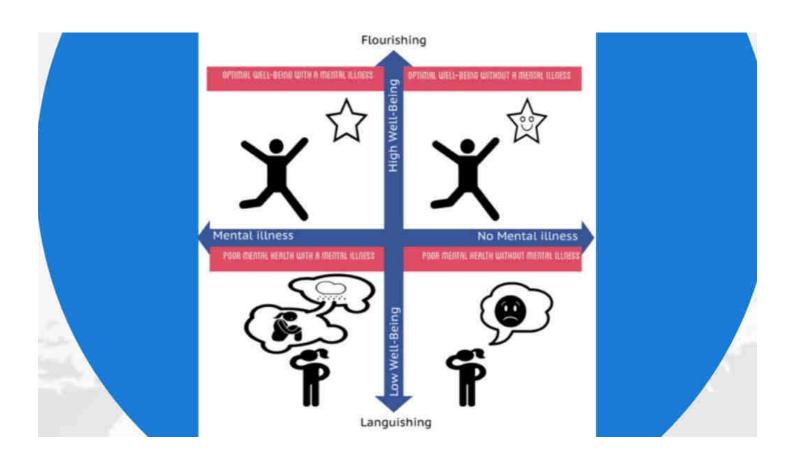


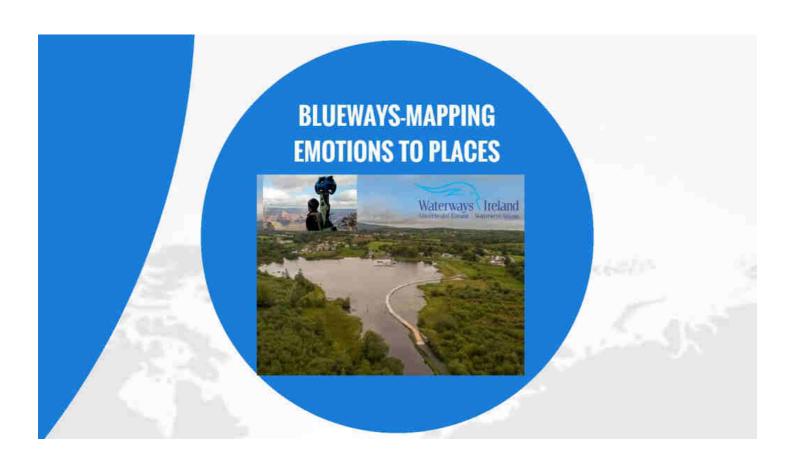


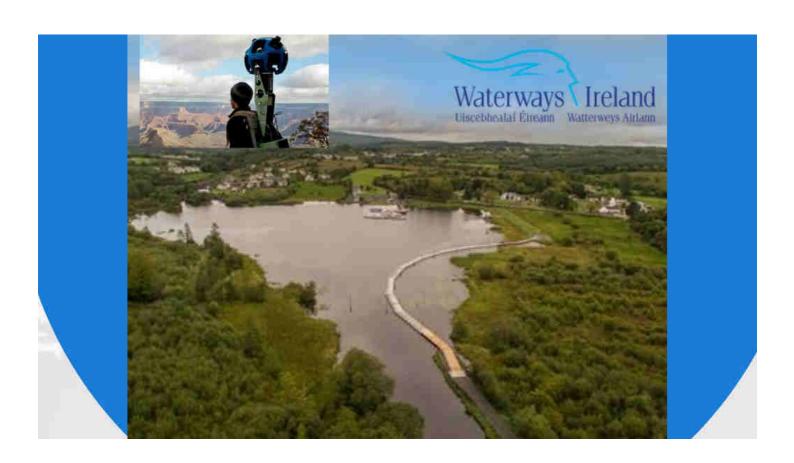






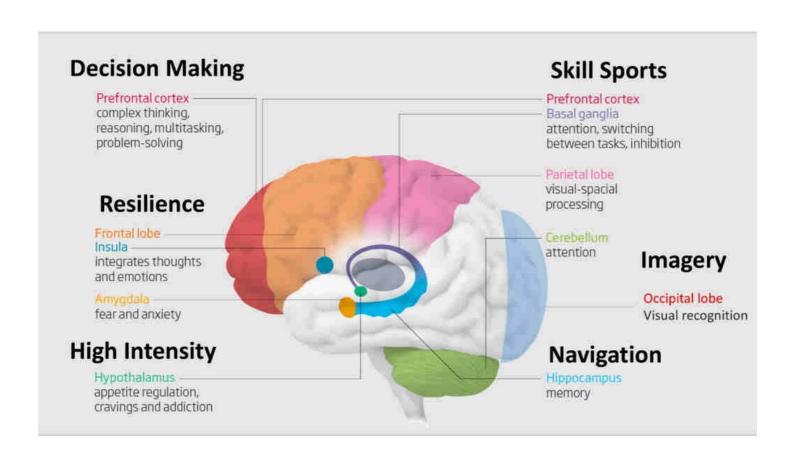
























Instructions

- 1. Choose an emoticon to display and a key word to convey the feeling that corresponds with each image.
- 2. Then and also make a comment about how it makes you feel.





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Our Future is #GettingWet Let's ensure its good for Us and our Environment



October 13-14th Limerick, IRELAND



Join a range of international experts on 14th of October to examine how future planning around greenways and blueways can after nature-based solutions for physical and psychological wellness.



















PEAKERS

Prof. David Sheffield (University of Sheffield).
Prof. Marc Jones and Dr. Chris Gidlow (Staffordshire).
Prof. Juergen Beckman (TUM).
Prof. Mark Neuwenhuisen (Bercelons Institute for Gir

Prof. Mark Nieuwenhuijsen (Barcelona Institute for Global Health) Prof. Alan Donnelly (UL).

Dr. Niamh Murphy (WIT) Dr. Annalisa Setti (UCC)

Tern Morrissey CEO of the Psychological Society of Ireland.









Part I THE RESEARCH LANDSCAPE

- 1. Friend or Foe: Salutogenic Possibilities of the Environment
- 2. Methodological Challenges and Transdisciplinary
- 3. Known Knowns: Review of the Evidence
- 4. Dose-Response Effects of Green Exercise
- 5. Self-Determination and Nature Based Solutions to Well-Being
- 6. Episodic Memory, Mental imagery and mental timetravel
- 7. Perception vs Reality: The Challenge of Estimating **Environmental Quality**



Chair Healthy Ireland



Preface by Prof. Michael Depledge Exeter

Part II POSSIBLE MECHANISMS

- 8. Visual Cognition and Multisensory Stimuli
 - 9. Challenge or Threat? Emotional and Affective Responses in Green and Grey Environments
- 10. Psychophysiological Mechanisms
- 11 Biological Mechanisms
- 12. Coping With Boredom: Environments as a Psychological Resource
- 13. Growing Resilience Through Connecting with

Physical Activity in Natural Settings: Green Exercise & Blue Mind

Part III CASE STUDIES

- 14. The road to Rio and Trail to Tokyo: From Hazard Management to Greenness Ratings
- 15. Immersion and Water Sports: Resilience and the Growth Mindse
- 16. Treadmill, Track and Trail
- 17. A long walk worth taking: Golf and Greenness
- 18. Forest Bathing: Seeing the Woods from the
- 19. Greening the Classroom



Dr. Aoife A. Donnell



Dr. Tadhg E. MacIntyre

Part IV FUTURE PATHWAYS

- 20. Wet Mind: Can Neuroscience Illuminate the Landscape?
- 21. Dreadmills: Is there such a thing as sustainable
- 22. Mindfulness and Green Exercise: Enhancing Our Relationship With Physical Activity and the Natural World
- 23. Embodied Cognition
- 24. Positive Psychology and the role of Citizen Science in encouraging pro-environmental behaviour
- 25. Recommendations for action for Individuals, teams and communities.
- 26. Nature Based Solutions: A Look Ahead



