Nature & Health Driving Innovation & Impact





100 RESEARCH INSTITUTIONS

300 IMPLEMENTING INSTITUTIONS

STRATEGIC DEMONSTRATIONS







GLOBAL DATA & SOFTWARE PLATFORM



RESEARCH 100 **INSTITUTIONS**

IMPLEMENTING 300 **INSTITUTIONS**

SCALING PARTNERS ADB IDB WB UN

NATURAL CAPITAL PLATFORM



Coastal Protection



Water & Energy Security



Climate Security



InVEST

> 185 countries Flood Control



Urban Systems



Food Production



Health



Coastal Protection



Water & Energy Security



Climate Security



InVEST

> 185 countries Flood Control



Urban Systems



Food Production



Health









Mental health Review – working group – conceptual model – (model)

SCIENCE ADVANCES | REVIEW

SOCIAL SCIENCES

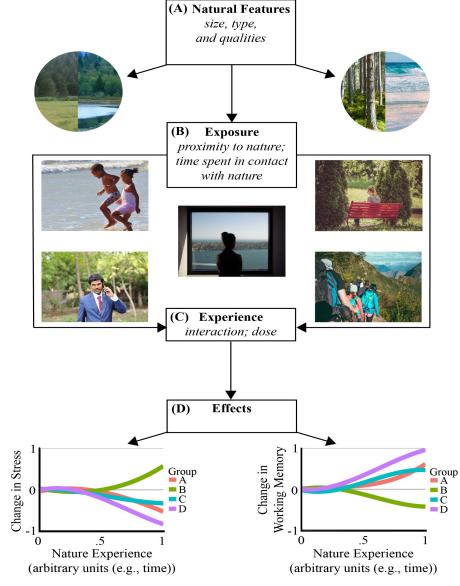
natura

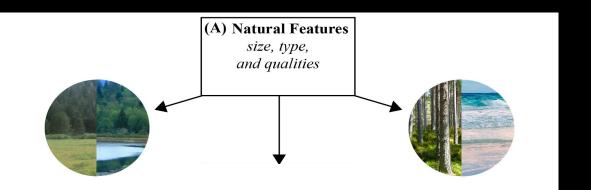
PROJEC

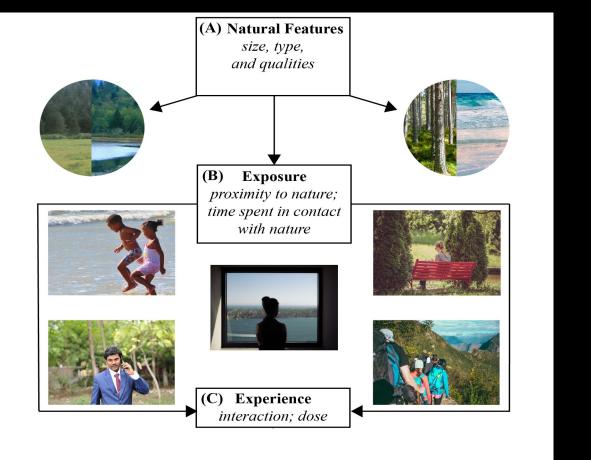
Nature and mental health: An ecosystem service perspective

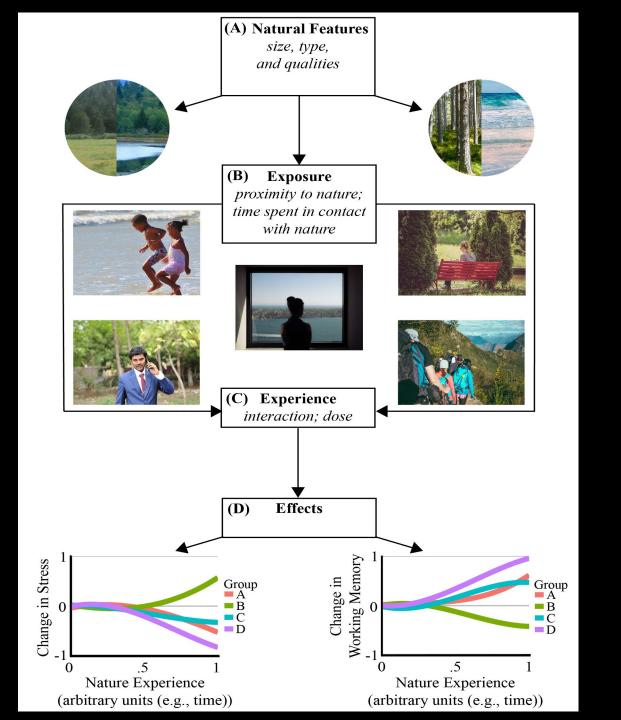
Gregory N. Bratman^{1,2,3,4}*, Christopher B. Anderson^{3,5}, Marc G. Berman^{6,7}, Bobby Cochran⁸, Sjerp de Vries⁹, Jon Flanders^{10,11}, Carl Folke^{12,13,14}, Howard Frumkin^{15,16}, James J. Gross¹⁷, Terry Hartig^{18,19}, Peter H. Kahn Jr.^{1,20}, Ming Kuo²¹, Joshua J. Lawler^{1,2}, Phillip S. Levin^{1,2,22}, Therese Lindahl¹⁴, Andreas Meyer-Lindenberg²³, Richard Mitchell²⁴, Zhiyun Ouyang²⁵, Jenny Roe²⁶, Lynn Scarlett²⁷, Jeffrey R. Smith^{3,5}, Matilda van den Bosch^{28,29}, Benedict W. Wheeler³⁰, Mathew P. White³⁰, Hua Zheng²⁵, Gretchen C. Daily^{3,4,5,31}*

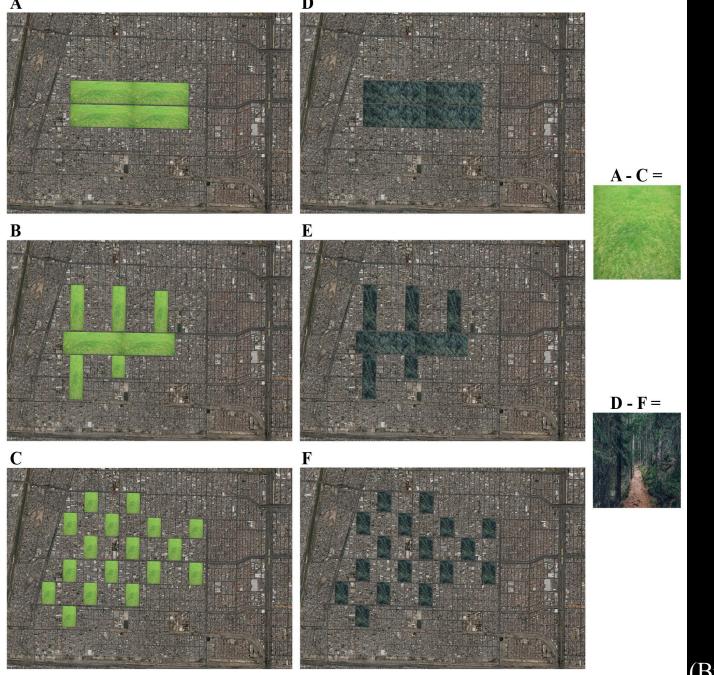
A growing body of empirical evidence is revealing the value of nature experience for mental health. Wir urbanization and declines in human contact with nature globally, crucial decisions must be made about preserve and enhance opportunities for nature experience. Here, we first provide points of consensus ac natural, social, and health sciences on the impacts of nature experience on cognitive functioning, en well-being, and other dimensions of mental health. We then show how ecosystem service assessments expanded to include mental health, and provide a heuristic, conceptual model for doing so.



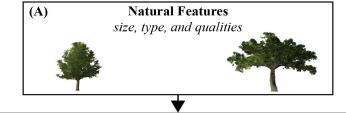


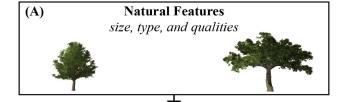


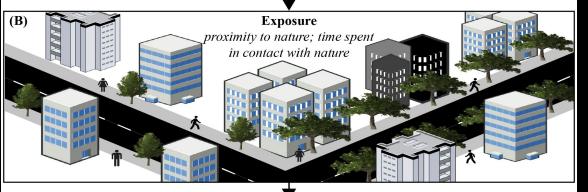


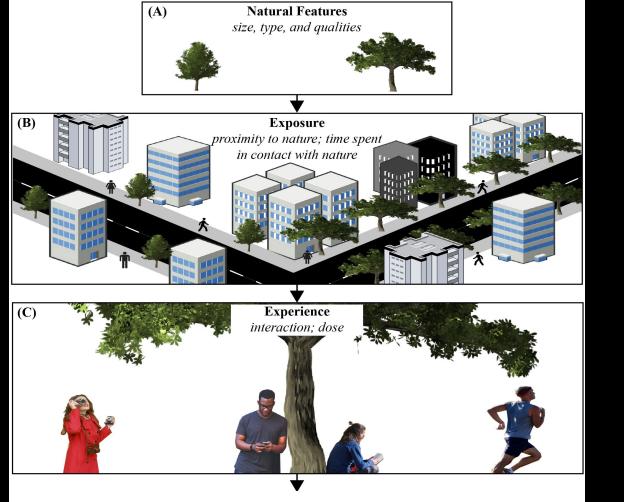


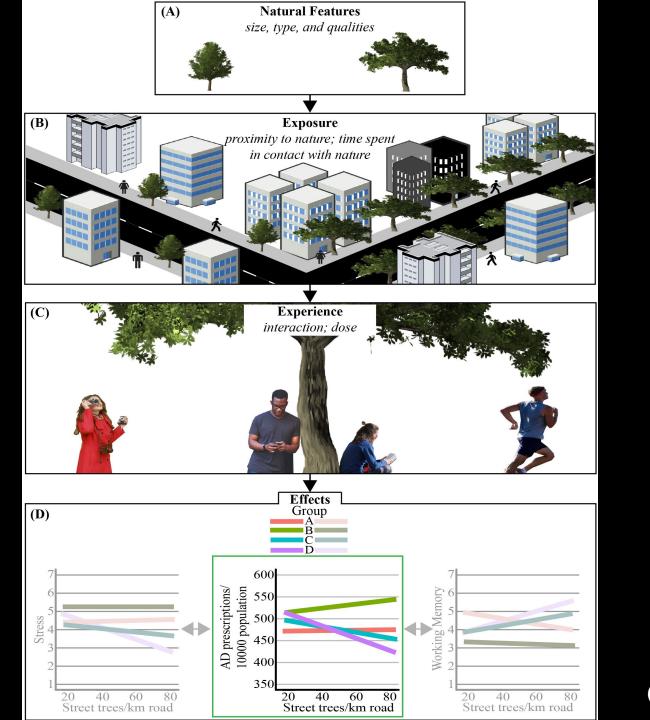
(Bratman et al. 2019 Sci Adv)







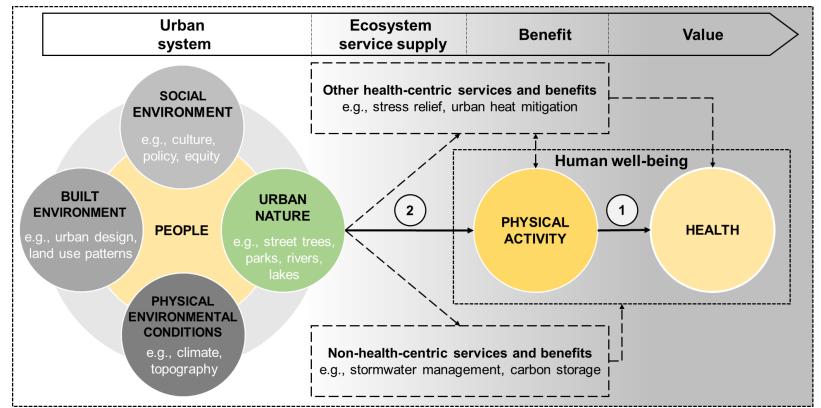




(Bratman et al. 2019 Sci Adv)

An ecosystem service perspective on urban nature, physical activity, and health

Roy P. Remme^{a,b,1}, Howard Frumkin^c, Anne D. Guerry^{a,d}, Abby C. King^{e,f}, Lisa Mandle^a, Chethan Sarabu^g, Gregory N. Bratman^d, Billie Giles-Corti^h, Perrine Hamel^{a,i}, Baolong Han^j, Jennifer L. Hicks^k, Peter James^{l,m}, Joshua J. Lawler^d, Therese Lindahl^{n,o}, Hongxiao Liu^p, Yi Lu^q, Bram Oosterbroek^r, Bibek Paudel^s, James F. Sallis^{t,u}, Jasper Schipperijn^v, Rok Sosič^w, Sjerp de Vries^x, Benedict W. Wheeler^y, Spencer A. Wood^d, Tong Wu^j, and Gretchen C. Daily^{a,z}



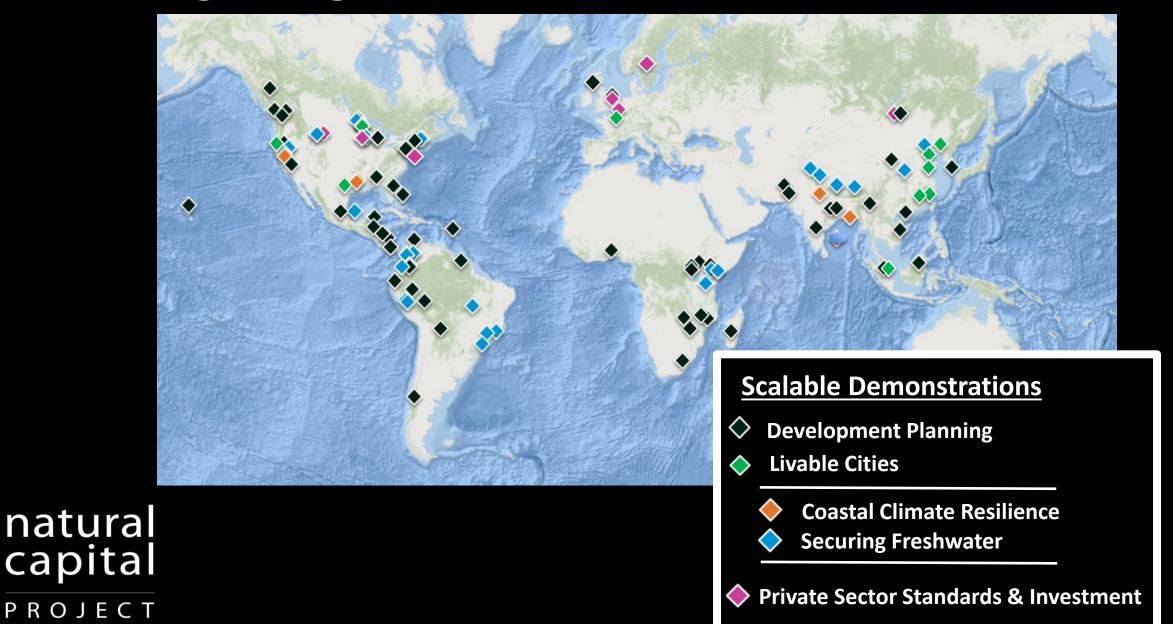








Integrating the Values of Nature into Decisions



Water Security for Cities, Food & Energy



+ Rural Livelihood Security







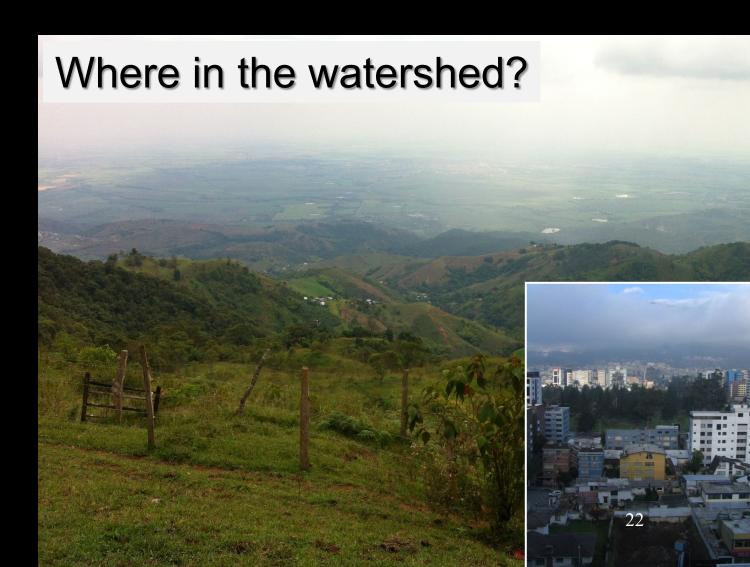




Targeting Investments

Which activities?



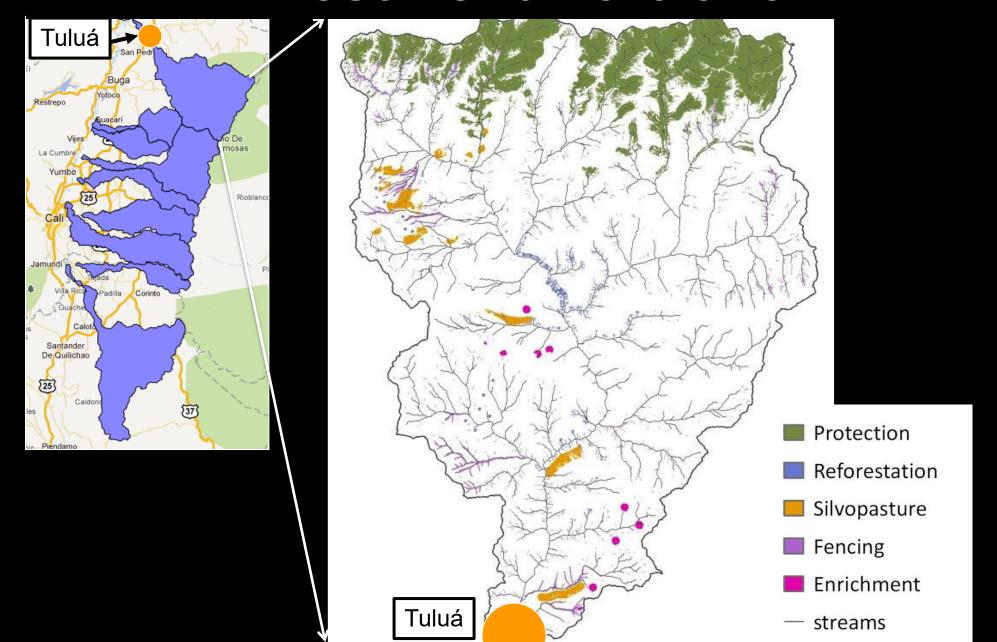


Investment Portfolio



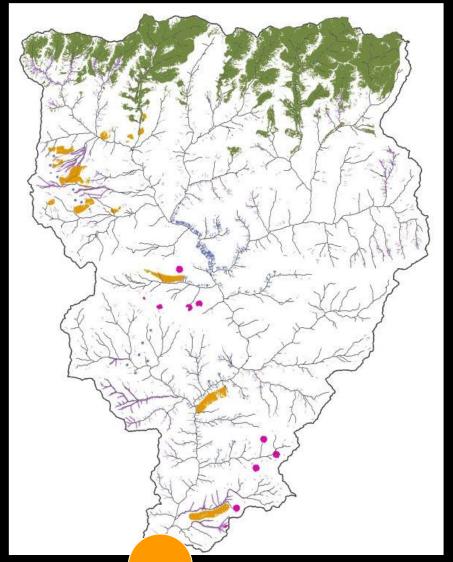
Cauca Valley Colombia

Investment Portfolio



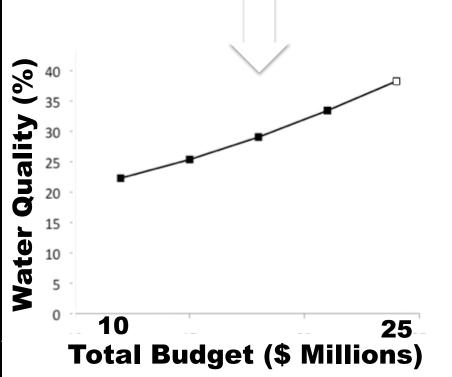
What is the ROI?

Investment Portfolio



InVEST

integrated valuation of environmental services and tradeoffs





Standardized Approach

Science Financing Governance Scaling: 55 Funds in L America
Growing in Africa & Asia
Opening in hydropower sector

Integrating the Values of Nature into Decisions

