

# *Nurturing Resilience: The Impact of Social and Physical Environments on Positive Development in Conditions of Adversity*

**Michael Ungar, Ph.D.**

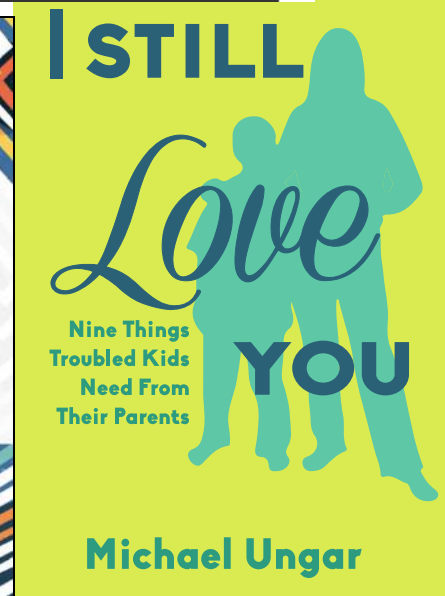
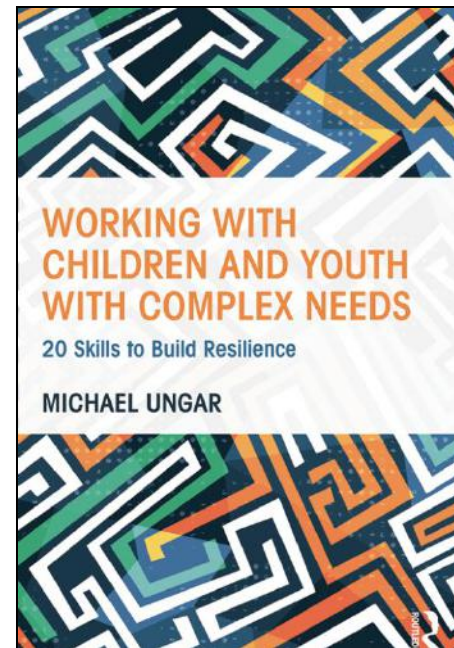
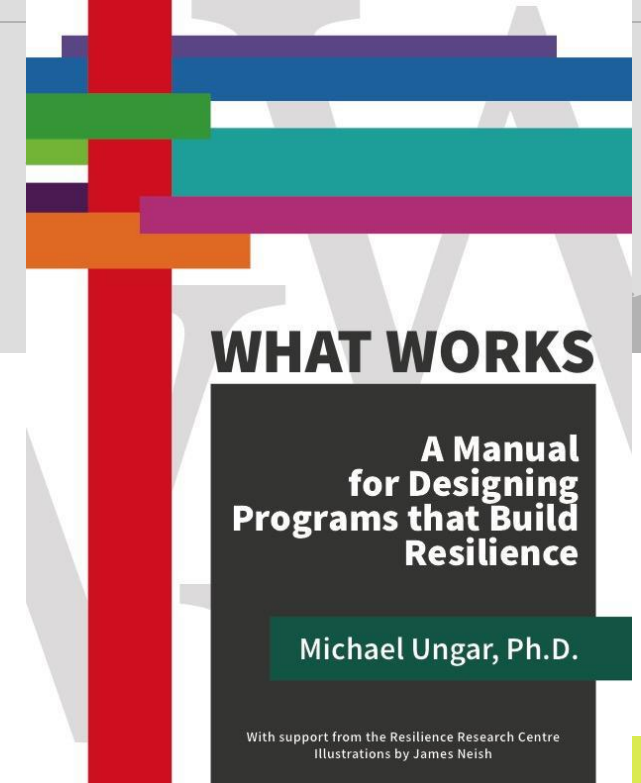
Canada Research Chair in Child, Family and  
Community Resilience,

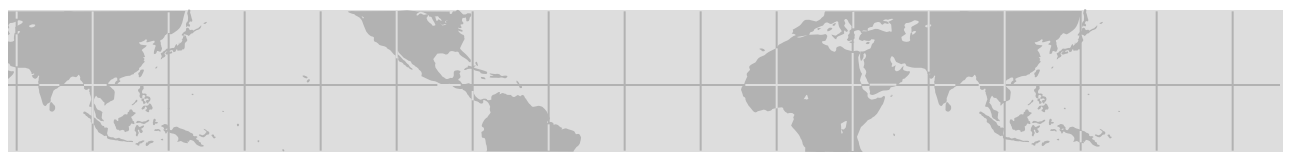
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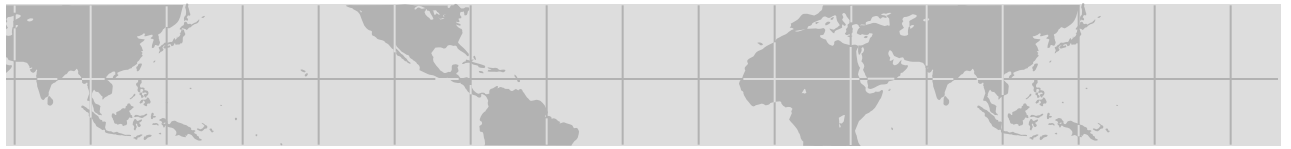
**[www.resilienceresearch.org](http://www.resilienceresearch.org)**





# *Project EARTH, Botswana*





*“You can’t stop the waves but  
you can learn to surf”  
--John Kabat-Zinn*

**It’s easier to learn to surf if  
you have a surfboard, a coach,  
and a lifeguard**



# *A Practical Definition of Resilience*

- ✿ In the context of exposure to significant adversity,
- ✿ resilience is the capacity of individuals and groups to *navigate* their way to the psychological, social, cultural, and physical resources that sustain their wellbeing, and...
- ✿ their capacity to *negotiate* for these resources to be provided...
- ✿ in culturally meaningful ways.

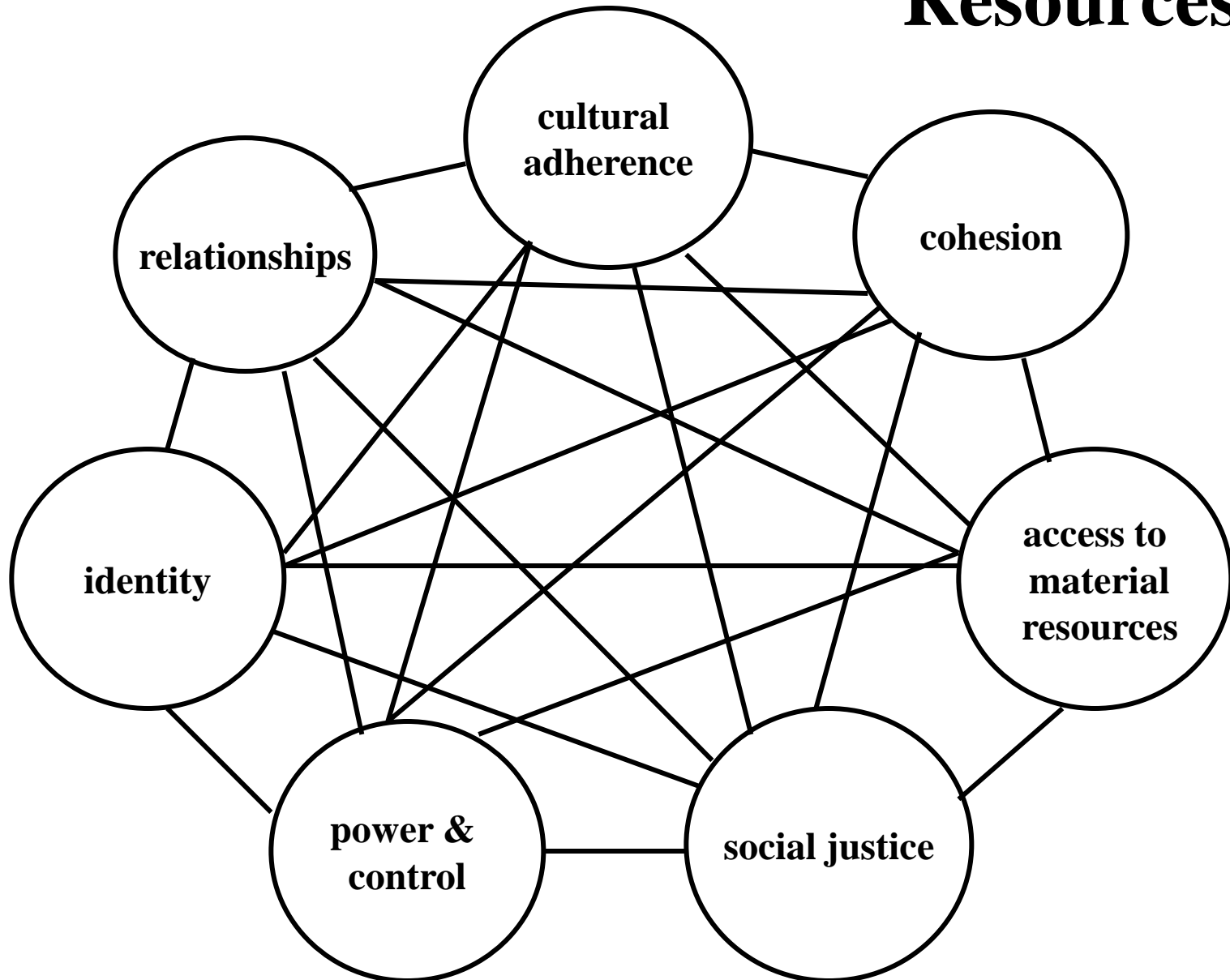




Resilience  
Research  
Centre



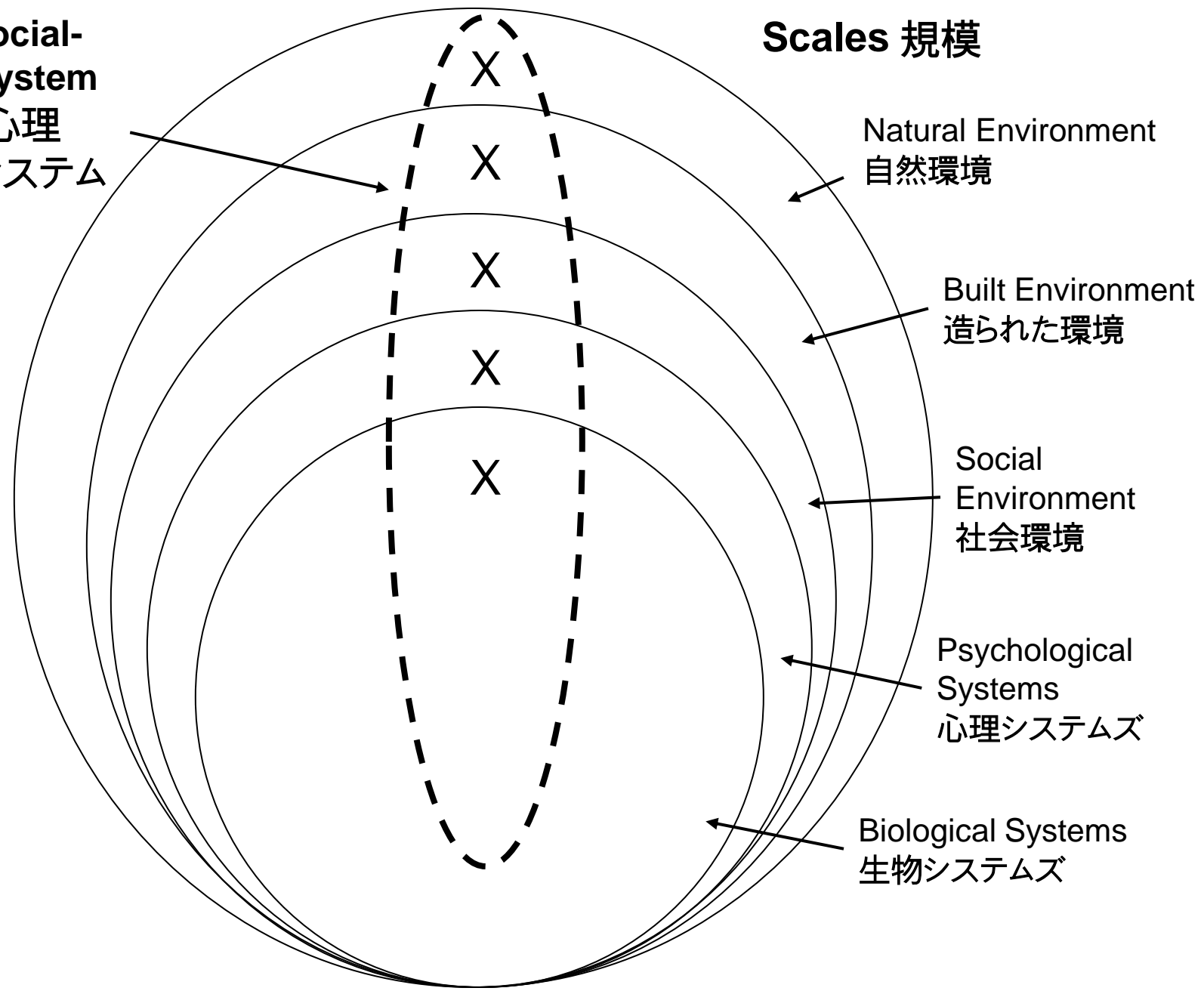
# Seven Resilience Resources





**Complex  
Biopsychosocial-  
ecological System**  
複雑な生物心理  
社会-生態システム

**Scales 規模**



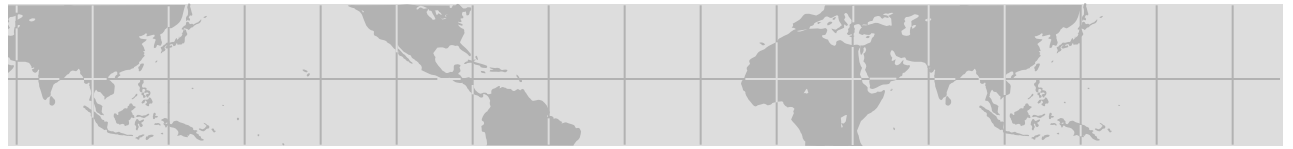
Natural Environment  
自然環境

Built Environment  
造られた環境

Social  
Environment  
社会環境

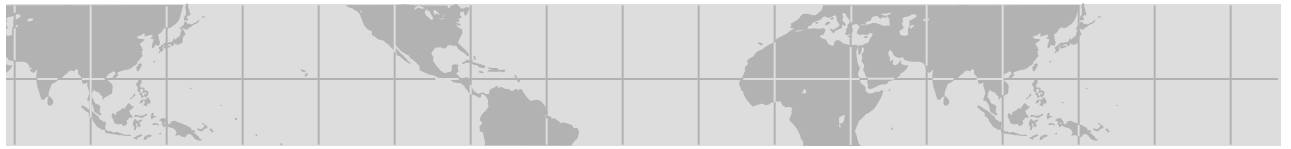
Psychological  
Systems  
心理システムズ

Biological Systems  
生物システムズ



*Gulval School, UK*

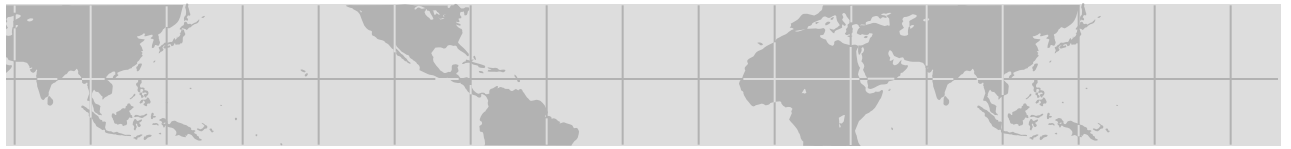




# *The Child and Youth Resilience Measure*

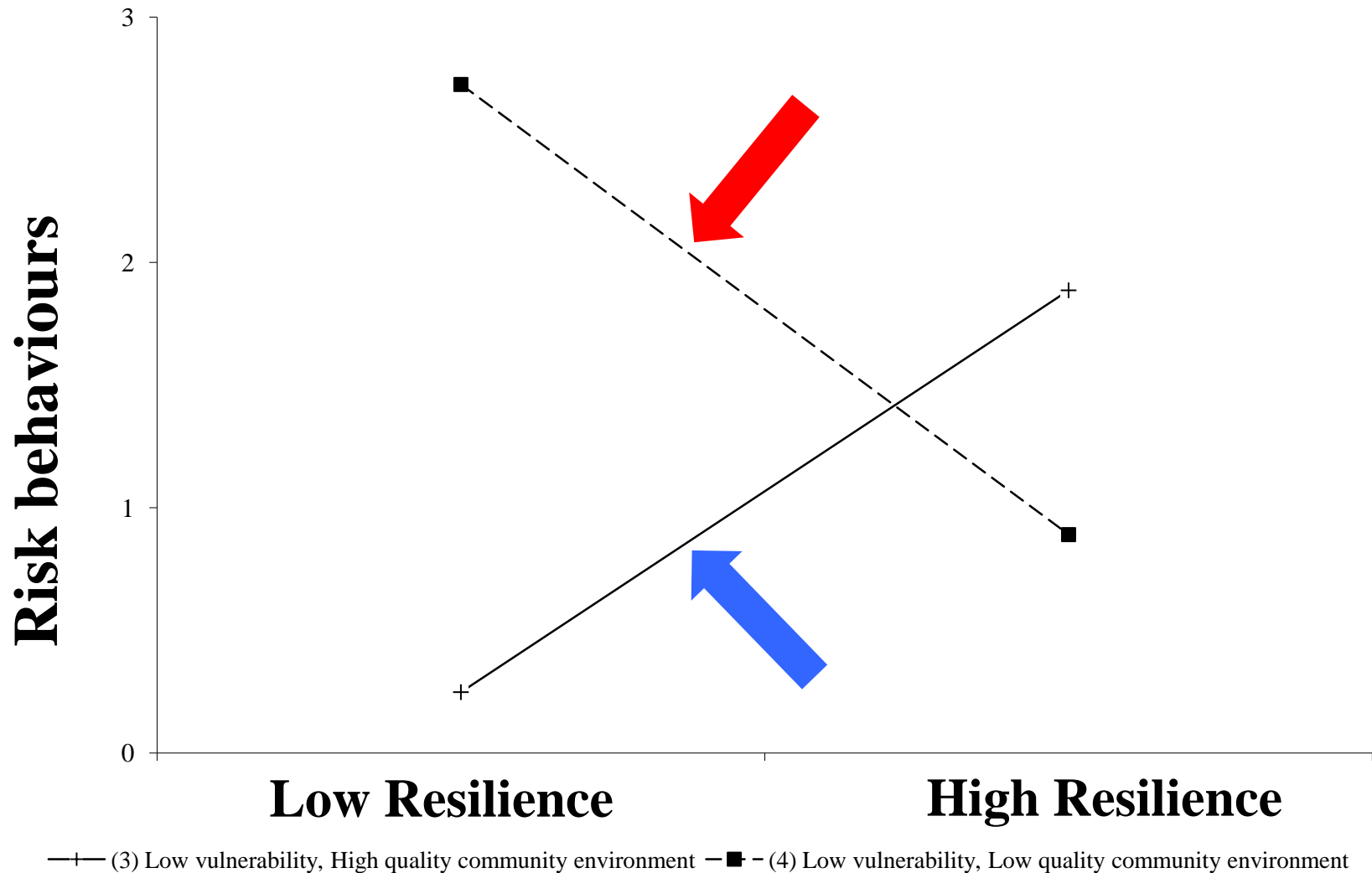
✚ Available at no charge at:

🌐 <http://cym.resilienceresearch.org/>

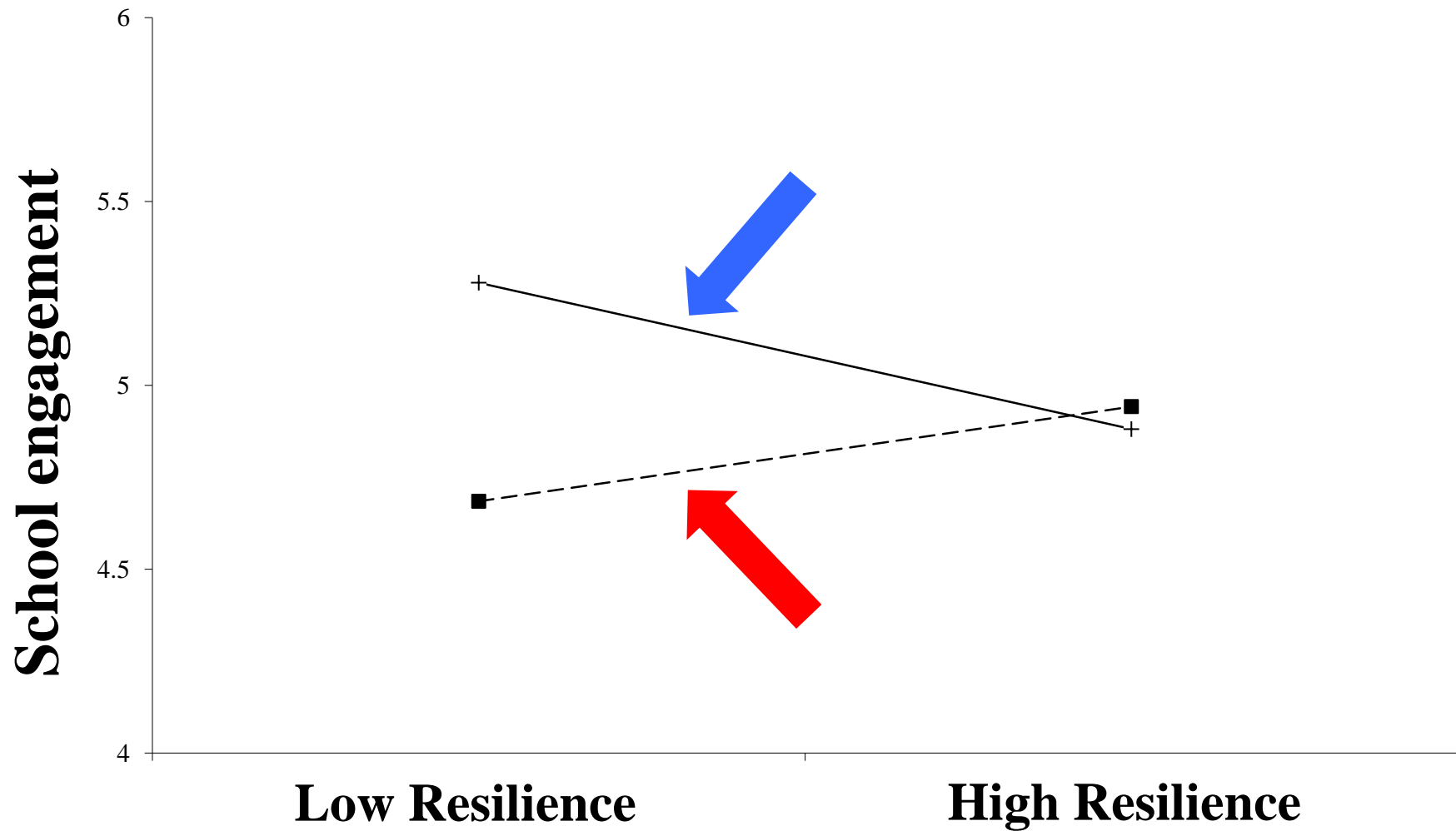


# *Differential Impact*

- ✚ A resource may have a positive (or negative) impact at lower levels of risk exposure but a negative (or positive) impact at higher levels of risk.



4-wave study of 11-22 year old youth ( $M_{W1} = 14.5$ ,  $SD_{W1} = 1.5$ ) from Atlantic Canada ( $n_{W1} = 839$ ,  $n_{W2} = 499$ ,  $n_{W3} = 480$ ,  $n_{W4} = 444$ )



—+— (3) Low vulnerability, High quality community environment

-■- (4) Low vulnerability, Low quality community environment





















*Thank you!*

