

Kayaks to Canvassing



Outdoor experience, sustainability, and political empowerment among young adults

Colorado College

A UNIQUE INTELLECTUAL ADVENTURE

Joel Minor and Barbara L. Whitten, Environmental Program Colorado College



Theoretical Background

A). Environmental Values, Attitudes, and Behaviors

• Pro-environmental values account for some, but not all of pro-environmental behaviors.

B). Outdoor Recreation and Pro-Environmental Values and Behaviors

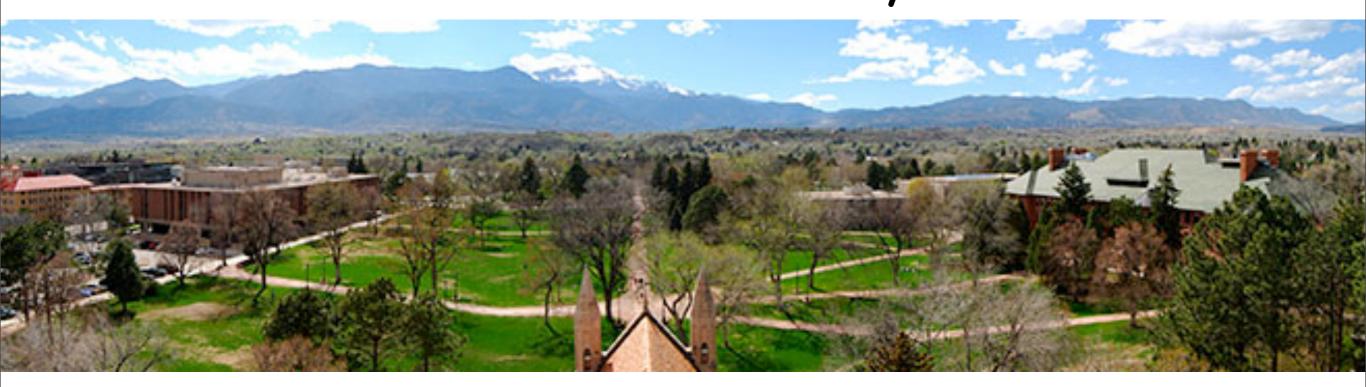
• Appreciative outdoor recreation in wilderness areas in childhood influences adult proenvironmental values and behaviors.

C). Youth Political Development: Social Media and Technology

• Modern youth are relatively politically disempowered, and social media has revolutionized their political activism.

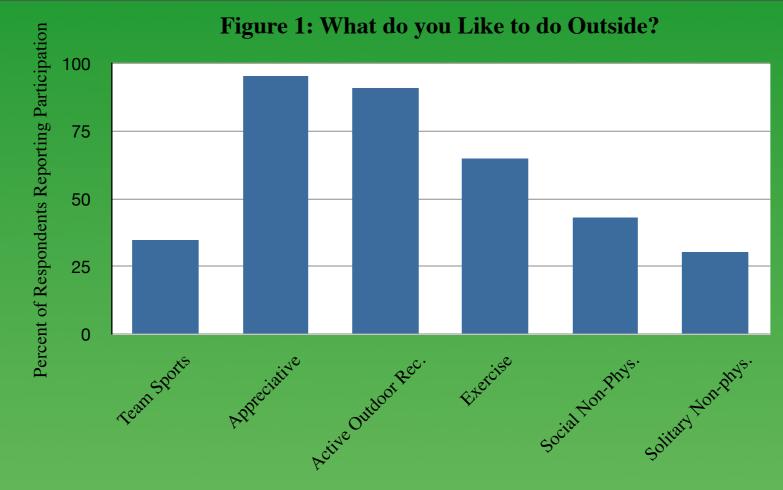
Study 1

Quantitative Survey of entire Colorado College campus April-May 2010. n = 1381 19% of student body



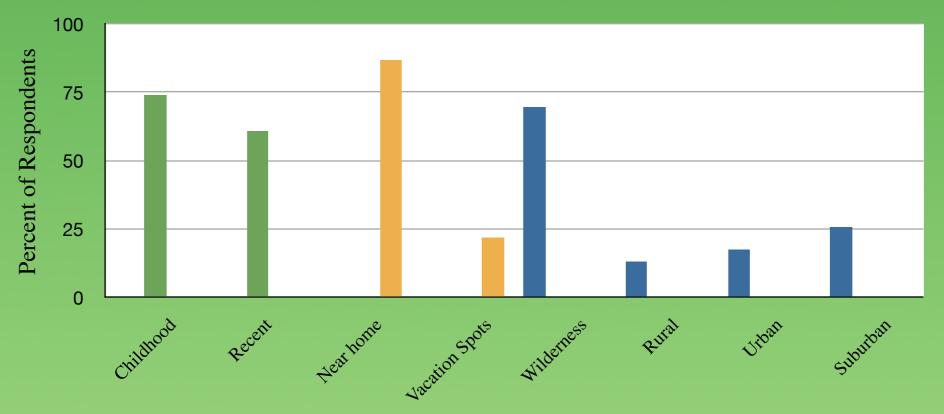
Study 2

Qualitative interviews with Colorado College Environmental Program majors, Outdoor Recreation Club members & Sustainability Interns April – May 2011 n = 23



Outdoor Recreation Activity





Locations Referenced

Figure 3: Are you an Activist?

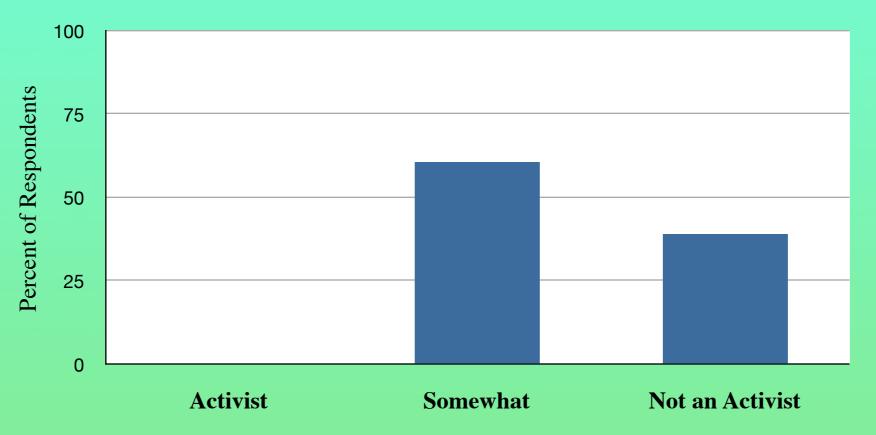
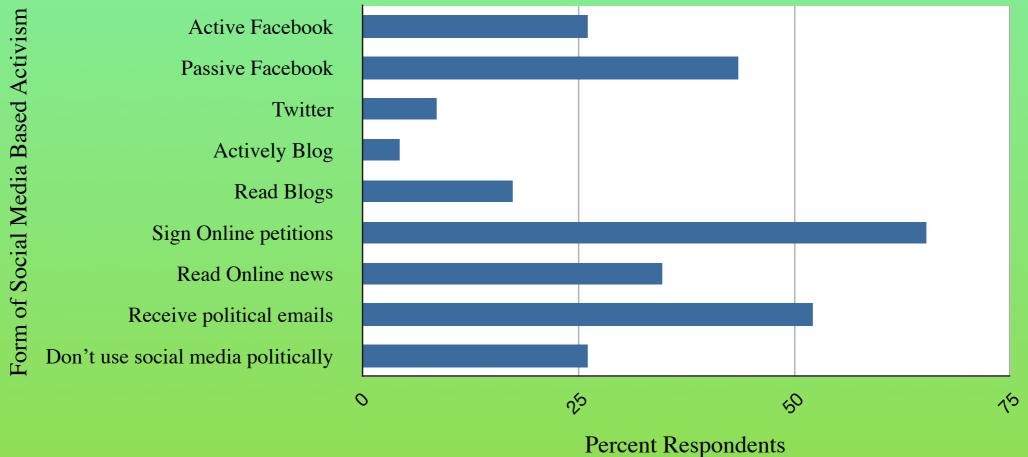


Figure 4: Does Social Media Play a Role in Your Political Activism?



Path to Activism I

Early Childhood Institutional Involvement Love for those [rural] areas [around my house] made me really love my neighborhood and my town. There was a cornfield across the street... that got developed when I was 9, and my neighborhood fought it, so that was my initial thing. I wrote a letter to the editor when I was 9, and they published it, about the development. It was more the neighbors than my parents -- there were some neighbors that were super vocal, and I know my parents helped me send the letter...

Path to Activism II

 Late-Development Institutional Development
I got more concerned about [taking sustainability actions] as I learned more about the state of the environment and our country and society and meeting people at CC who are really passionate about those things inspired me. Studying the science of climate change and coming to my own conclusion that it is significant and worthy of taking action against definitely

gives me a perspective on why I must be doing these things.

Path to Activism III Outdoor Enthusiasts

My mom... grew up in Colorado and has sort of raised my sister and I to have [the outdoors] be ingrained in our lives. We've camped since we were little and as soon as we were able to plan things and be a part of this process she took us on long trips, and especially now that I'm at CC I can contribute a new facet of outdoor experience that she's

never seen and we sort of collaborate.

Path to Activism IV Politically Inactive Outdoor Enthusiasts

* I do spend so much time in the outdoors, like frisbee, and I work in the climbing gym -- most of my activities are more extracurricular fun featured than they are politically involved, and I think I would like to change that, but that's just the path I've taken.

Path to Activism V Non-Outdoors Enthusiasts

•• I really love animals and I think that that actually has a bigger effect on my environmentalism than a love of the outdoors... One of the major things that drove me to be an environmentalist was this feeling that I had in high school that humans were ruining the planet and that it would be better if the supervolcano (super cool, by the way) just erupted and wiped us all out. Being an environmentalist was a way to not feel that kind of despair, but still try to help solve the things that I

thought were wrong in the world.

Key Findings

- 1. The type of outdoor activity (appreciative/non-appreciative) may be more likely to influence PEBs than the location of the outdoor activity (wilderness vs urban).
- 2.Institutional drivers making PEBs or environmental activism a pro-social activity are likely successful in students developing habits of activism/ PEBs.
- 3.Even if they engage in substantial PEBs on their own, many young people are hesitant to actively encourage others to engage in PEBs based on a fear of being perceived as pushy or aggressive. These results are true across genders, but female respondents were somewhat more likely than males to talk to others about sustainability issues in both public and private settings.
- 4. Young people tend to underreport their level of political activism, potentially because they equate activism with a "60's model," rather than with the online and social media platforms for activism that they tend to utilize.
- 5.Young people are relatively politically disengaged. A key aspect highlighting their disengagement is a sense of not feeling knowledgeable enough about environmental and political issues

Acknowledgements

We are grateful to the students in the Ecofeminism class, who designed and administered our initial survey. Amanda Udis-Kessler assisted us with both aspects of our project. Maureen K. Botoman assisted in researching and developing the project The Center for Multiscale Mapping of the Atmosphere Processes (CMMAP) at Colorado State University provided funding for our project. And we are particularly grateful to the participants in our survey and interviews for sharing their insights.

References

Aoyagi S, Okamura T, Ishii H, Shimoda H (2011) Proposal of a Method for Promotion of Pro Environmental Behavior with Loose Social Network. Green Energy and Technolog 1:1-6.

Chawla L (1999) Life Paths into Effective Environmental Action. J Environ Educ 31:15 - 26.

Costanza-Chock S (2011) Digital Popular Communication: Lessons on Information and Communication Technologies for Social Change from the Immigrants Rights Movement. Natl Civ Rev 100:29-35.

Diekmann A, Preisendorfer Peter (1998) Environmental Behavior: Discrepancies Between Aspirations and Reality. Ration and Soc 10: 81-102.

Earl J, Schussman A, (2008) Contesting Youth Culture and Online Petitioning. In Bennett WL (ed) Civic Life Online: Learning how Digital Media Can Engage Youth. MIT Press, Cambridge, pp 71-96.

Flanagan CA, Sherrod LR (1998) Youth Political Development: An Introduction. J Soc Issues 54:447-456.

Feldman L, Nisbet MC, Leiserowitz A, Maibach E (2010) The Climate Change Generation? Survey Analysis of Perceptions and Beliefs of Young Americans. Yale Project on Climate Change, 2010.

Joseph S (2012) Social Media, Political Change, and Human Rights. Boston Coll Int and Comp Law Rev 35:145-188.

Kareiva P (2008) Ominous Trends in Nature Recreation. Proced of the Natl Acad of Sci 105:2757-2758.

Larson LR, Whiting JW, Green, GT (2011) Exploring the Influence of Outdoor Recreation Participation on Pro-Environmental Behavior in a Demographically Diverse Population. Local Environ 16:67-86.

Leiserowitz A, Maibach E, Roser-Renouf C, Smith, N (2011) Global Warming's Six Americas, May 2011. Yale Project on Climate Change, pp 1-57.

Metzgar E, Maruggi A (2009) Social Media and the 2008 U.S. Presidential Election. J New Commun Res 4:141-165.

Tarrant MA, Green GT (1999) Outdoor Recreation and the Predictive Validity of Environmental Attitudes. Leisure Sci 21:17-30.

Turaga RMR, Howarth RB, Borsuk ME (2010) Pro-environmental behavior: Rational choice meets moral motivation. Ann N. Y. Acad Sci 1185:211-224.

Stern PC, Dietz T (1994) The Value Basis of Environmental Concern. J Soc Issues 50:65-84.

Stern PC, Dietz T, Kalof L (1993) Value Orientations, Gender, and Environmental Concern. Environ and Behav 25:322-348.

Wells NM, Lekies KS (2006) Nature and the Life Course: Pathways from Childhood Nature Experiences to Adult Environmentalism. Child Youth and Environ 16:1-24.