



<b>Titre:</b> Title:	Influencing pro-environmental behaviors through visual arts: a scoping review of research designs and state of knowledge. Supplément
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Date:	2025
Type:	Article de revue / Article
Référence: Citation:	Gbeve, K., Francoeur, V., Bernard, S., & Tanguay, L. (2025). Influencing proenvironmental behaviors through visual arts: a scoping review of research designs and state of knowledge. Frontiers in Psychology, 16, 1712588 (15 pages). https://doi.org/10.3389/fpsyg.2025.1712588

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URL de PolyPublie: PolyPublie URL:	https://publications.polymtl.ca/70449/
Version:	Matériel supplémentaire / Supplementary material Révisé par les pairs / Refereed
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## Document publié chez l'éditeur officiel Document issued by the official publisher

<b>Titre de la revue:</b> Journal Title:	Frontiers in Psychology (vol. 16)
<b>Maison d'édition:</b> Publisher:	Frontiers
<b>URL officiel:</b> Official URL:	https://doi.org/10.3389/fpsyg.2025.1712588
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## SUPPLEMENTARY TABLE B<sup>1</sup>

## Categorization of Survey Measurement Items<sup>2</sup>

1. "At the water's edge": community voices on climate change (Baldwin & Chandler, 2010) (post-event survey)

Item	Emotional activation	Attitude	Intention	Perceived behavioral control	Behavior	Environmental awareness and knowledge	Other
Stimulated your curiosity or interest to find out more about climate change						X	
Raised your awareness about climate change issues						х	
Improved your understanding of others' perspectives about climate change						х	
Reinforced your existing views about climate change						X	
Shifted your views about climate change						X	
Encouraged you to take action on climate change		X					
Did you notice any differences between the three groups' perspectives?							X
Identify up to 3 photos that affected you or resonated most with you.	X						
To what extent has the Floating Land Festival as a whole affected your interest in and awareness of climate change issues?						х	
Total: 9 items	11.1%	22.2%	0.0%	0.0%	0.0%	66.7%	11.1%

<sup>&</sup>lt;sup>1</sup> Only 7 of the 8 studies are included since Schneller & Irizarry (2014) used open-ended questions, which are not provided by the authors. <sup>2</sup> Some items can be associated with two categories, hence the total percentage below the table, if calculated, can be above 100%.

2. Re-imagining the environment: using an environmental art festival to encourage pro-environmental behavior and a sense of place (Marks et al., 2014) (post-event survey)

Item	Emotional activation	Attitude	Intention	Perceived behavioral control	Behavior	Environmental awareness and knowledge	Other
Intended to change their environmental behavior as a result of attending the festival			X				
I am optimistic about environmental quality in the future		Х					
A better environment starts with the individual		X					
It is normal to want to help the environment		X					
I feel guilty about the state of the environment	X						
Wished for Floating Land to continue							X
More proud of Boreen Point since Floating Land	X						
Felt influenced by Floating Land		X					
Felt more a part of the community since <i>Floating Land</i>	х						
Wanted to do more for the community since <i>Floating Land</i>			X				
Wanted to do more for the environment since <i>Floating Land</i>			X				
Felt influenced about the environment by <i>Floating Land</i>		X					
Total: 12 items	25.0%	41.7%	25.0%	0.0%	0.0%	0.0%	0.8%

3. Influence of persuasion techniques used in climate change documentaries on environmental behavior (Girard, 2022) (post-event and follow-up survey)

Item	Emotional activation	Attitude	Intention	Perceived behavioral control	Behavior	Environmental awareness and knowledge	Other
I know what the consequences of climate change are.						х	
Climate change is a topic that interests me.						х	
I seek out information on climate change phenomena regularly.					Х		
I think changes in the climate are as serious as people say they are.						X	
I am worried about the consequences that climate change is having or will have in the future.	X						
Changes in the climate affect everyone.						X	
I don't eat meat every week.					X		
I produce less or slightly more waste than my neighbors.					X		
I discuss climate change regularly.					X		
I automatically purchase pro-environmental products.					X		
I trust I can adopt more pro-environmental behavior.				X			
There may be several obstacles to adopting more pro-environmental behavior. If I really want to, I think I can overcome these obstacles.				Х			
Overall, there are few events outside of my control that prevent me from changing my behavior.				Х			
I intend to adopt more pro-environmental behavior.			X				

Item	Emotional activation	Attitude	Intention	Perceived behavioral control	Behavior	Environmental awareness and knowledge	Other
I am considering changing some of my life habits because of the issues highlighted in the documentary.			Х				
The documentary made me change some of my behaviors because of the issues highlighted.					X		
I feel the documentary has made me more aware.						х	X
The documentary will have/probably had an influence on my everyday life.			X		х		
My behavior was challenged by the documentary.		X					
I identify with the documentary.	X						
I spoke to my family and friends about the documentary I watched.					Х		
I didn't like the documentary.							X
I thought it was a high-quality documentary.							X
The documentary makes me optimistic about climate change.	X						
The documentary motivates or inspires me.	X						
The documentary makes me feel guilty.	X						
The documentary makes me sad.	X						
The documentary did not make me think about climate issues.						x	X
The documentary didn't make me reflect on my role in the climate situation.						х	X
The documentary challenges the rules of society and social norms.							X
I found the documentary impactful.							X
The documentary didn't make me want to see other documentaries.							X

Item	Emotional activation	Attitude	Intention	Perceived behavioral control	Behavior	Environmental awareness and knowledge	Other
Was there a moment in the documentary that you found more impactful? In a few words, which moment or moments were they?*							X
Did one or several moments in the documentary have an impact on you? Do you remember which moment or moments? Describe them in a few words.*		Х					
Was there a moment in the documentary that you found unpleasant? In a few words, which moment or moments did you find unpleasant?	х						
Total: 35 items	20.0%	5.7%	8.6%	8.6%	22.9%	20.0%	25.7%

4. "Pollution Pods": The merging of art and psychology to engage the public in climate change (Sommer et al., 2019) (post-event survey)

Item	Emotional activation	Attitude	Intention	Perceived behavioral control	Behavior	Environmental awareness and knowledge	Other
To what extent does the artwork bring up each of these	Х						
feelings within you? Happiness							
Guilt	X						
Норе	X						
Sadness	X						
A sense of awe	X						
Helplessness	X						
Inspiration	Х						
Anger	Х						
Surprise	Х						
Anxiety	Х						
Shame	Х						
Pride	Х						
Disgust	Х						
Confusion	X						
Unaffected	Х						
The artwork made me think about the problem of air quality in cities						х	
The artwork helped me understand the importance of people working together to make the world a more liveable place		x				x	
The artwork made me think about the living conditions of animals						х	
The artwork helped me see how actions we take today can have profound consequences for future generations		x				X	
The artwork made me think about environmental problems						X	
I gained a stronger sense of the connection between my actions and the well-being of people in other places						Х	

Item	Emotional activation	Attitude	Intention	Perceived behavioral control	Behavior	Environmental awareness and knowledge	Other
The artwork made me think about the importance of long-term planning for the health of people		x				х	
The artwork is confrontational, i.e., has a shocking or aggressive undertone	X						
I gained a stronger sense of the connection between my actions and the health of the environment						х	
The artwork made me think and reflect on its meaning							X
The artwork made me think about the problem of climate change						X	
The artwork helped me see how actions can have profound unintended consequences for future generations		х				х	
The artwork made me think about life in developing countries						х	
The artwork made me more aware of the impact of my behavior on the environment						х	
The artwork made me think about the importance of long- term planning for the health of the planet		х				Х	
I gained a strong sense of the consequences of the health of the environment for my health and well-being						X	
Every citizen must take responsibility for the environment		Х					
Environmental problems generated in one country harm people all over the world		X					
The artwork seems relevant to my daily life							X
Ease of breathing is an important topic for me or my family							Х
I feel partly responsible for the environmental problems on our planet		x					
The effects of environmental problems on public health are worse than we realize						X	

Item	Emotional activation	Attitude	Intention	Perceived behavioral control	Behavior	Environmental awareness and knowledge	Other
Over the next several decades, thousands of species will become extinct						X	
I feel that the main responsibility to take care of environmental problems lies with those that are affected by them		Х					
I feel that it is my responsibility to do something to prevent climate change and other environmental problems		х					
The artwork highlights environmental problems that would affect me personally						Х	
The topic of the artwork seems relevant to my daily life						X	
The balance in nature is delicate and easily upset						X	
We are approaching the limit of the number of people the earth can support						X	
Humans have the right to modify the natural environment to suit their needs		x					
If things continue on their present course, we will soon experience a major ecological catastrophe		х					
Humans were meant to rule over the rest of nature		X					
When humans interfere with nature, it often produces disastrous consequences		x					
Plants and animals have as much right as humans to exist		Х					
The earth has plenty of natural resources if we just learn how to develop them		х					
Humans are severely abusing the environment		x					
The earth is like a spaceship with very limited room and resources		x					
The so-called "ecological crisis" facing humankind has been greatly exaggerated		х					

Item	Emotional activation	Attitude	Intention	Perceived behavioral control	Behavior	Environmental awareness and knowledge	Other
The balance of nature is strong enough to cope with the impacts of modern industrial nations		х					
Why is the climate system changing?						X	
Which of the following would you say is the main problem with rising levels of CO <sub>2</sub> in the atmosphere?						X	
What affects the climate system?						X	
How are air pollution and climate change linked?						X	
I intend to do something actively to help prevent environmental problems (continuously) in the future			X				
I intend to do something actively to help prevent climate change (continuously) in the future			X				
Total items: 60	26.7%	33.3%	3.3%	0.0%	0.0%	40.0%	5.0%

5. Protecting the Great Barrier Reef: analysing the impact of a conservation documentary and postviewing strategies on long-term conservation behaviour (Hofman & Hughes, 2018) (post-survey and follow-up)

Item	Emotional activation	Attitude	Intention	Perceived behavioral control	Behavior	Environmental awareness and knowledge	Other
We are part of the threat to marine environments						X	
There is a lot I can do to help protect marine environments				X			
We have a responsibility to leave healthy ecosystems for our families and future generations		X					
I want to do everything I can to protect and conserve marine environments		X					
I feel I need to help protect marine environments		X					
I feel I am a part of the solution to marine conservation problems		X					
I intend to reuse containers more often			х				
I am more likely to recycle			Х				
I am more likely to conserve energy at home			X				
I am more likely to choose sustainable seafood			X				
I am more likely to increase my use of 'green' (non-plastic) shopping bags			X				
I intend to think about what I put down the drain (e.g., oil)			X				
I will probably talk to others about environmental issues			X				
I am more likely to purchase products that have minimal packaging			X				
I intend to make more effort to pick up other people's litter			х				
I am more likely to do volunteer work for a group that helps the environment			х				
I am more likely to participate in public land/water clean up activities			X				

Item	Emotional activation	Attitude	Intention	Perceived behavioral control	Behavior	Environmental awareness and knowledge	Other
I am more likely to look for information about the environment on social media (e.g., Facebook), on TV, in print or on the internet			х				
I am more likely to donate money to a nature or conservation organisation			х				
Being careful disposing down drains					X		
Recycling					X		
Picking up other people's litter					X		
Using 'green' (non-plastic) shopping bags					X		
Talking to others about environmental issues					X		
Actively purchasing products that have minimal packaging					X		
Looking for information about the environment on TV, in print or on the internet					х		
Conserving energy in the home					X		
Choosing sustainable seafood					X		
Participating in public land/water clean-up activities					X		
Donating money to a nature or conservation organisation					x		
Doing volunteer work for a group that helps the environment					х		
Reusing containers					X		
Total items: 32	0%	12.5%	40.6%	3.1%	40.6%	3.1%	0.0%

6. Lights, camera... action? Altered attitudes and behavior in response to the climate change film *The Age of Stupid* (Howell, 2011)

Item	Emotional activation	Attitude	Intention	Perceived behavioral control	Behavior	Environmental awareness and knowledge	Other
Concern about climate change						X	
I feel motivated to try to do something about climate change/global warming		X					
I can do something to prevent climate change/global warming getting worse				х			
I know what I can do to reduce my carbon emissions				X			X
Cutting my carbon emissions won't make a difference to the problem of climate change/global warming		X					
It's worth lobbying politicians about climate change/global warming		X					
I do as much as I can about climate change/global warming					х		
I fear humanity will not do enough to prevent catastrophic climate change/global warming		X					
How likely do you think it is that the world could be devastated by climate change/global warming and related problems, in the way it is in the film, by 2055?						Х	
What message are you taking away from the film?							Х
Questions about specific beahaviors. Trying to raise awareness among people I know					х		
Sent message to politician(s) - last 12 months					X		
Actively involved in campaigning group					X		
Attended rally outside Scottish parliament					X		
Calculated 'carbon footprint' - last 12 months					X		
Installed low energy light bulbs – most/all lights					X		
Turned down heating/cut time heating is on					X		

Item	Emotional activation	Attitude	Intention	Perceived behavioral control	Behavior	Environmental awareness and knowledge	Other
Washing clothes at 30°C (usually/always)					X		
Drying clothes on rack (usually/always)					X		
Installed more insulation/draught-proofing					X		
Changed to 'green electricity' supplier/tariff					X		
Generating energy through home renewables					X		
Cut down/avoid driving					X		
Car sharing/car club (leave blank if never drive)					X		
Planning/taking holidays without flying this year					X		
Decided to reduce/stop holiday flying long-term					X		
Avoiding buying bottled water					X		
Buying more local produce					X		
Reduced meat consumption/eat vegetarian/vegan					X		
Composting food waste					X		
Barriers to action. Cost				X			
Lack of options				X			
Lack of information				X			
Inconvenience/discomfort				X			
Lack of time				X			
No point at the moment				X			
Other				X			
Total items: 37	0.0%	10.8%	0.0%	24.3%	56.8%	5.4%	5.4%

7. Visual art inspired by climate change – An analysis of audience reactions to 37 artworks presented during the 21st UN Climate Summit in Paris (Klöckner & Sommer, 2021) L. K.

Item	Emotional activation	Attitude	Intention	Perceived behavioral control	Behavior	Environmental awareness and knowledge	Other
The artwork appears to be of considerable artistic quality							Х
happiness	X						
hope	X						
inspiration/enthusiasm	X						
anger	X						
anxiety	X						
sadness/disappointment that nothing is happening to prevent climate change	X						
if they imagined the artist to be someone like themselves							X
if they imagined the artist to be someone with values similar to themselves							X
if they imagined the artist to be someone expressing the values of the public							X
The artwork makes me think and reflect on its meaning							X
the artwork seems relevant to my daily life							X
the artwork highlights the consequences of climate change that would affect me personally						X	
the artwork makes me think about the problem of climate change						X	
the artwork makes me think about my own role within the current climate situation		х					
the artwork makes me more aware of my behavior's impact on the environment						Х	
How important is it to you that climate change and the environment are given a high priority in policymaking?		х					
Total items: 17	35.3%	11.8%	0.0%	0.0%	0.0%	17.6%	35.3%