

**Measuring the transformative utopian
impulse for planetary health in the age of
the Anthropocene:
A multi-study scale development and
validation**

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Background

Definition

- **Transformative utopian impulse for planetary health** is people's propensity to have thoughts and engage in actions of which the purpose is to transform the current society into a better one in the **future** by addressing existing global issues.

Aim

- We aimed to develop a **well-validated scale** that can measure the transformative utopian impulse for planetary health and uncover its role in societal transformation.

Methods

Participants

- We developed a scale to measure the transformative utopian impulse for planetary health (TUIPHS) across **11 studies with 6,248 participants** from the USA (from the MTurk database) and the UK (from the Prolific.co database).

Scale development

- Exploratory (**EFA**) and confirmatory factor (**CFA**) analyses.
- **Convergent, discriminant, incremental and longitudinal predictive validity.**

Factor 1 (TUIPHS-TTA): propensity for transformative utopian thinking and action

Item 17: One of the most important driving forces in my life is to develop ideas that could contribute to a better world in which nothing is missing for all human beings.

Item 13: I frequently have the impulse to help transform the current society into a new world where the biggest issues of our age are extinct.

Item 8: I often participate in conversations whose purpose is to come up with potential solutions to the biggest social ills of our time.

Factor 2 (TUIPHS-BTS): belief in transformative utopian solutions

Item 53: I feel that there are many alternative social and economic activities that could resolve current social issues if they were widely adopted.

Item 2: I often feel that there are new ways of living that would create social and economic justice for everyone.

Item 39: I often get the impression that the future of our society could be better if some existing solutions to transform economic and social reality were scaled up.

Factor 3 (TUIPHS-RTS): responsiveness to transformative utopian solutions

Item 50: I feel excited when I come across propositions that could overcome our past and present economic, social, and environmental failures.

Item 40: I am thrilled when I come across already existing solutions that could improve the circumstances of people who are underprivileged if they were more widely adopted.

Item 9: I get excited when I encounter ideas that changed the world for the better by enabling social and economic progress.

Factor 4 (TUIPHS-CPS): choice of transformative utopian products and services

Item 26: Current examples of social and economic inequality motivate me to choose ethical products that counter exploitation and injustice.

Item 36: Whenever I have the choice, I choose products and services that can help fix the social and environmental problems resulting from our malfunctioning economic system.

Item 43: My everyday choices of products and services can help transform the economic and social life of the workers in these industries.

The responses are anchored on 7-point scales from 1 (strongly disagree) to 7 (strongly agree).

Findings

EFA & CFA

- TUIPHS has a **four-factor** structure that can also be scored as a single **general factor**, indicating that it captures an overarching theoretical construct (ie, the transformative utopian impulse for planetary health).

Nomological network - Convergent & Discriminant Validity

- TUIPHS is related to **various specific individual difference measures** that capture diverse aspects of people's propensity to actively engage in thoughts and actions oriented toward the betterment of society.

Findings

Incremental Predictive Validity

- TUIPHS predicted, above and beyond 20 competing scales highly correlated ($r \geq 0.50$) with it, a series of 19 self-reported behavioural and attitudinal constructs pertaining to social change.

Longitudinal Predictive Validity

- Participants' past TUIPHS scores predicted their support, a few months later, for social movements that aim to build a more just and resilient society than in the current day.

More here!

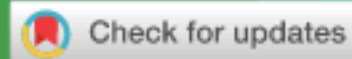


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Thank you!

**• Share your
utopian
impulse!**

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