





Life Cycle Assessment of Roofing Systems in Buildings: Green Roofs vs. Conventional Roofs



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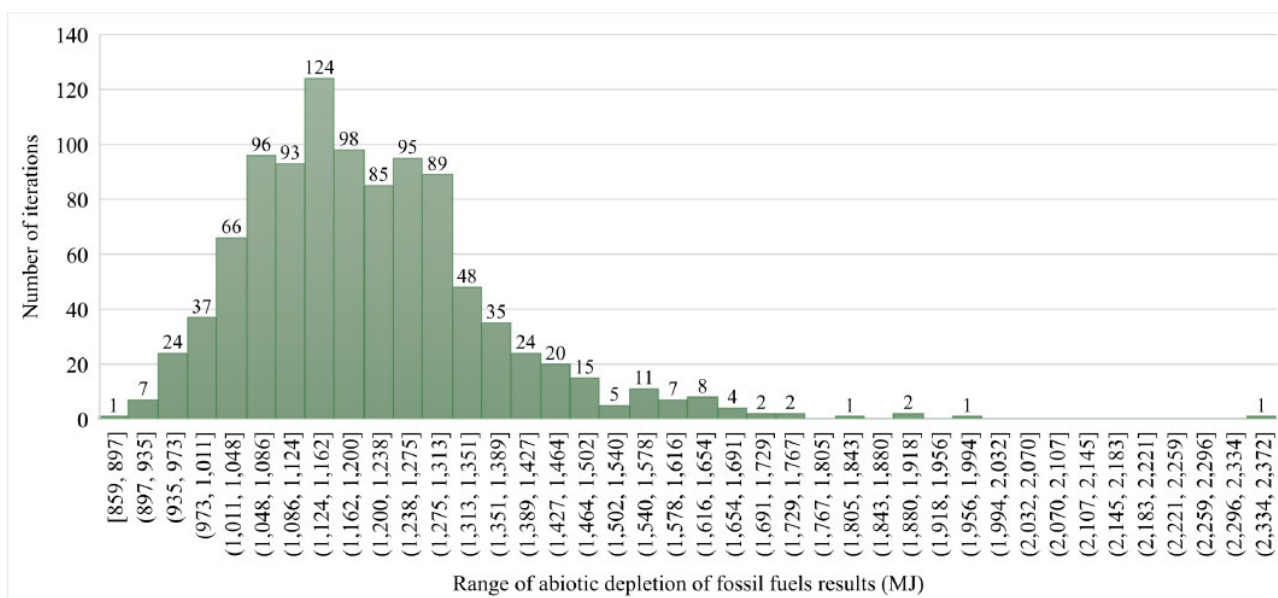


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Supporting information - Results of Monte Carlo simulations (1000 iterations) for the Life Cycle Assessment

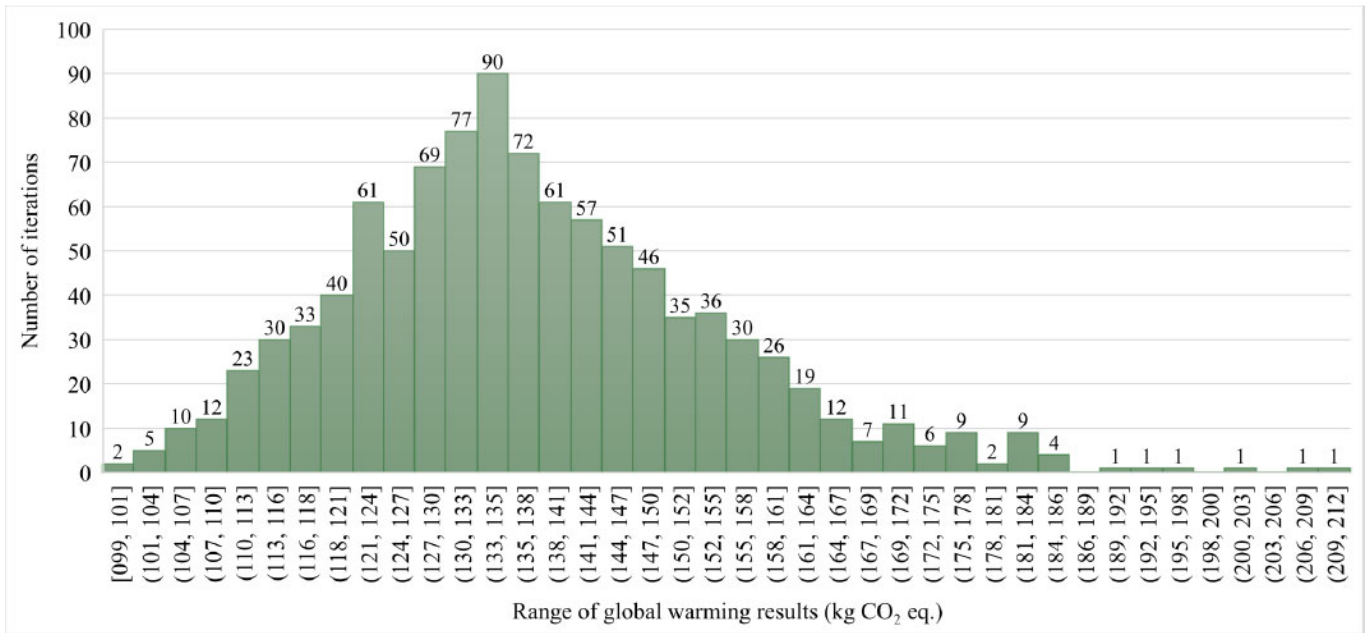
Green roof of Study

- Abiotic depletion of fossil fuels



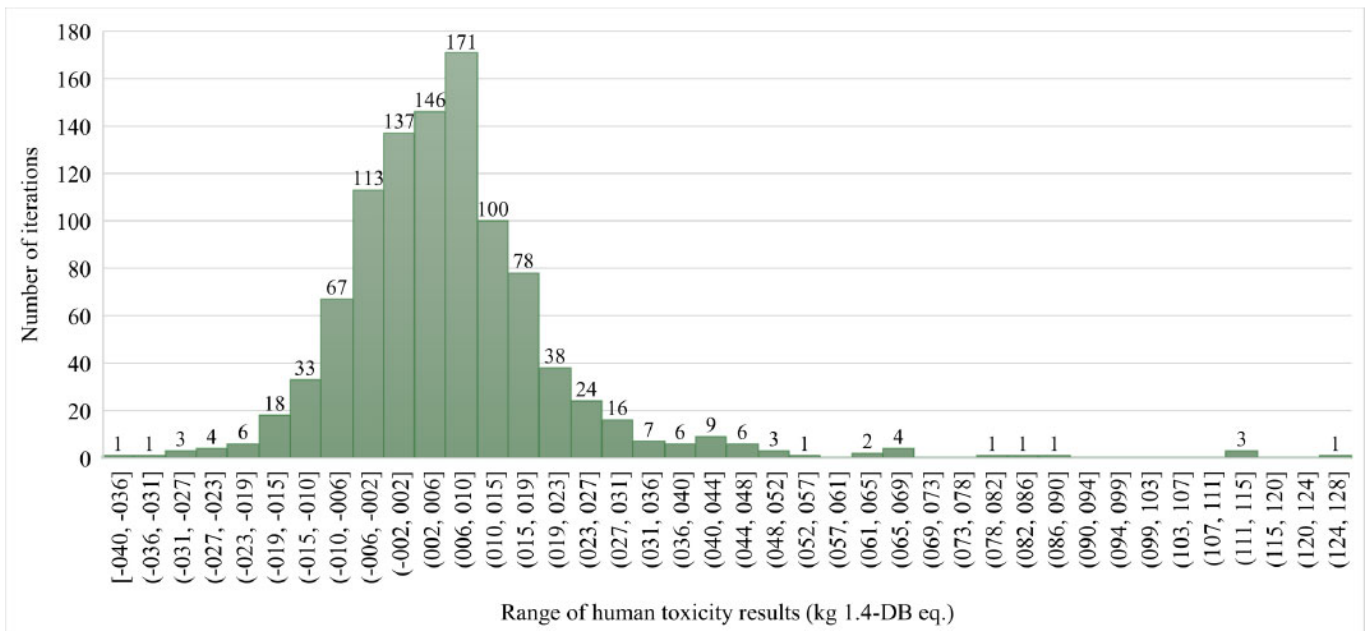
Green Roof of Study

- Global warming



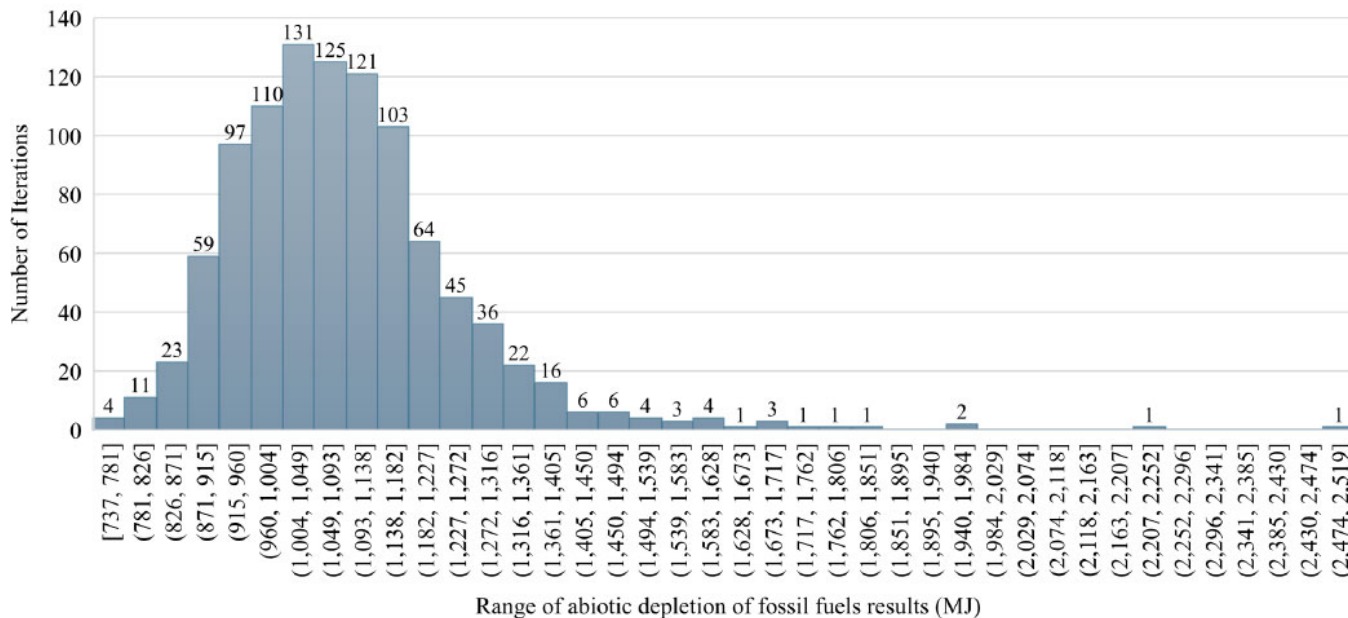
Green roof of Study

- Human toxicity



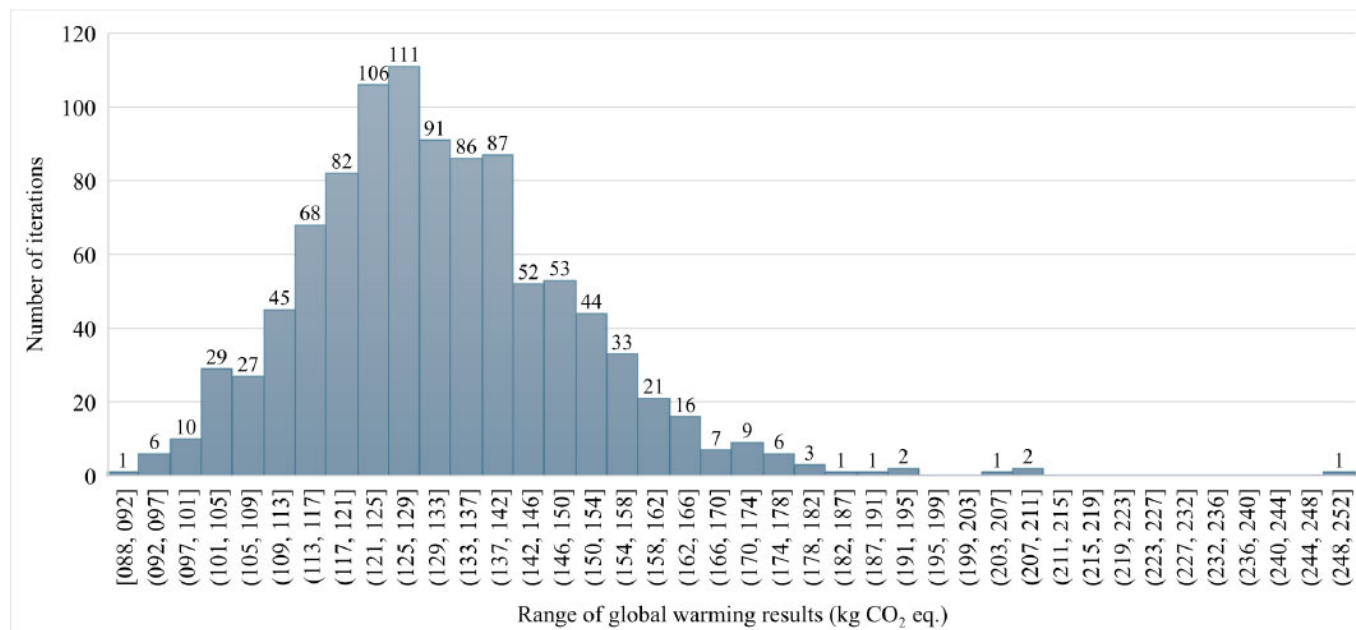
Conventional Roof

- Abiotic depletion of fossil fuels



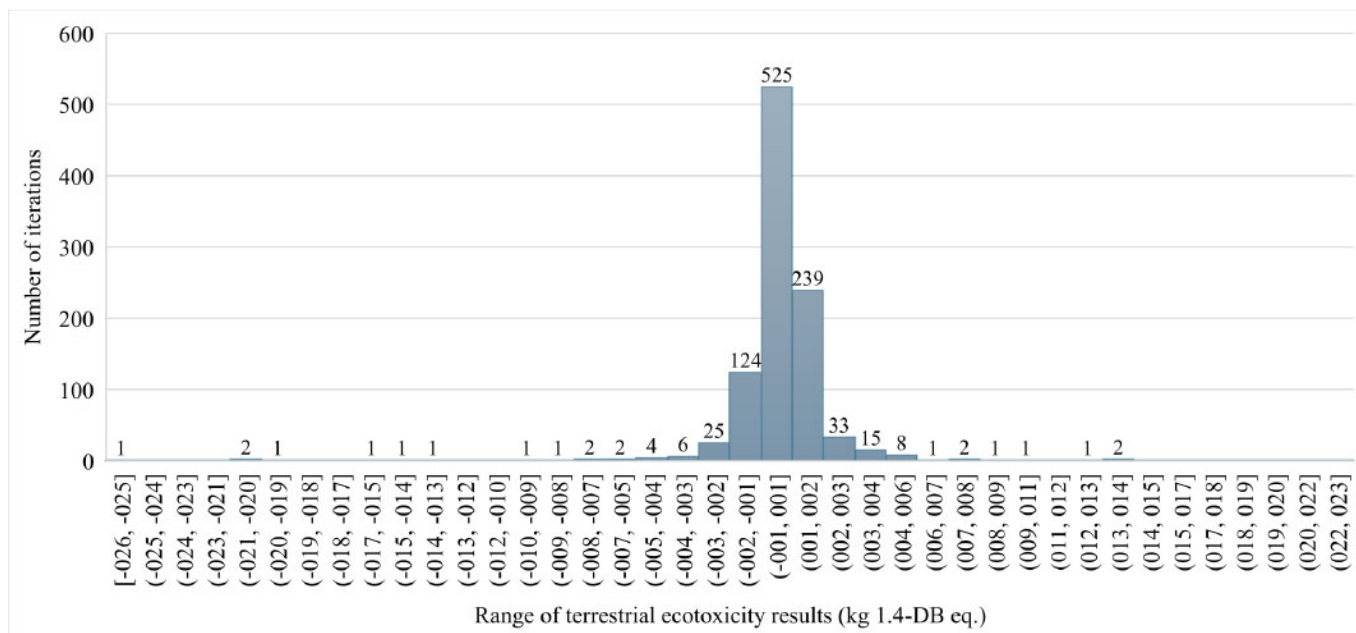
Conventional Roof

- Global warming



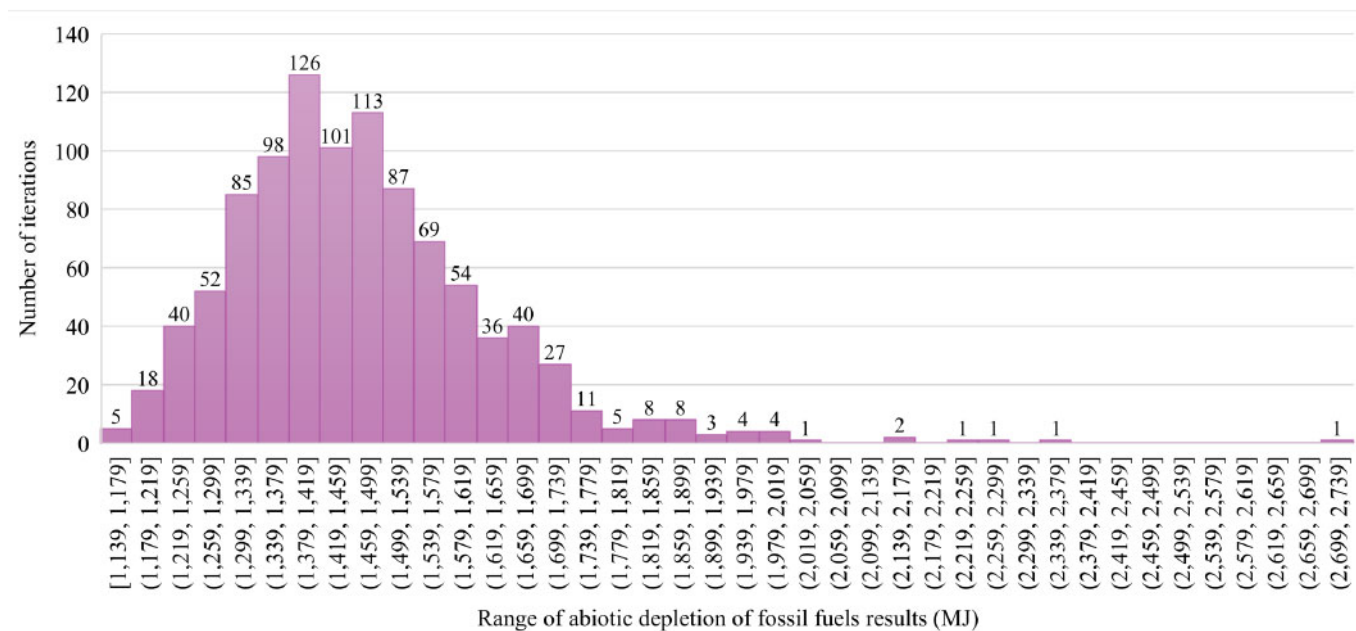
Conventional Roof

- Terrestrial ecotoxicity



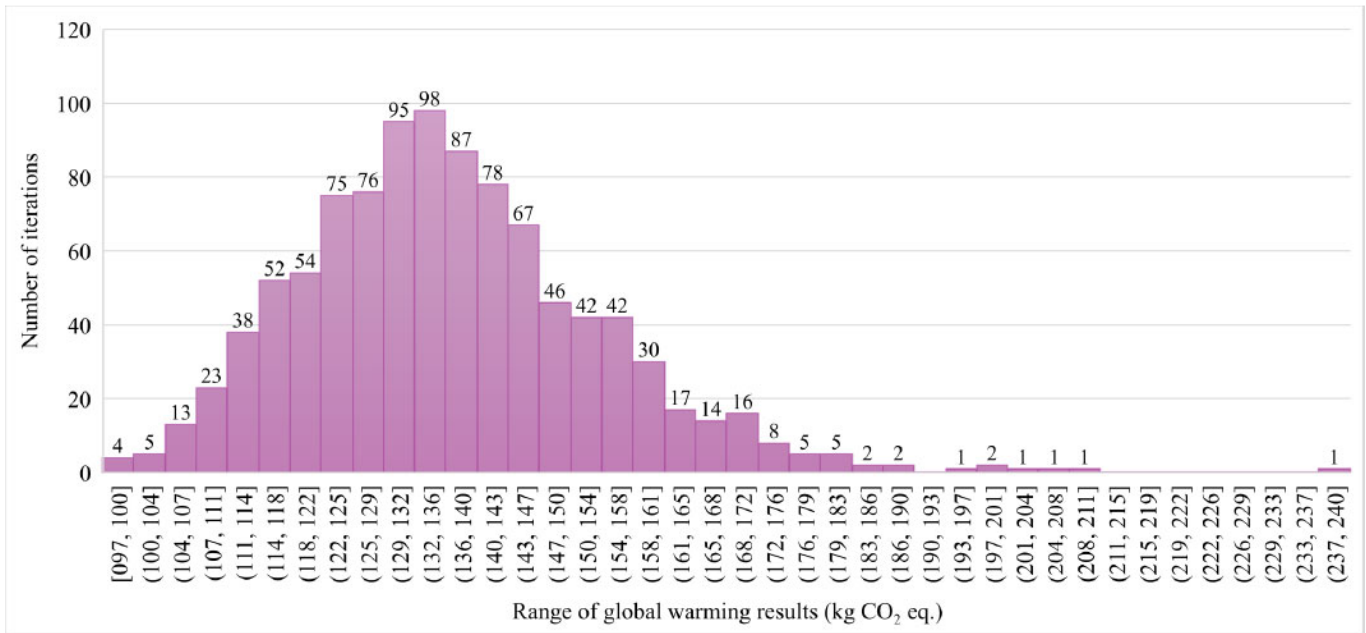
Extensive Green Roof A

- Abiotic depletion of fossil fuels



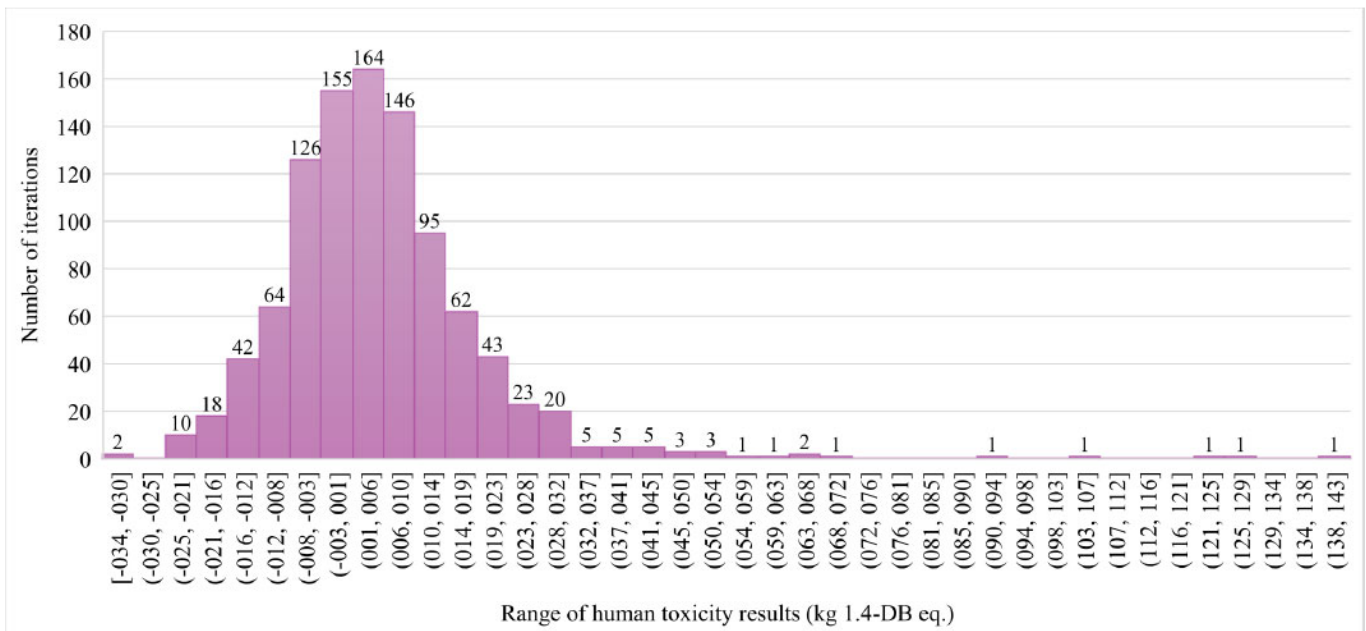
Extensive Green Roof A

- Global warming



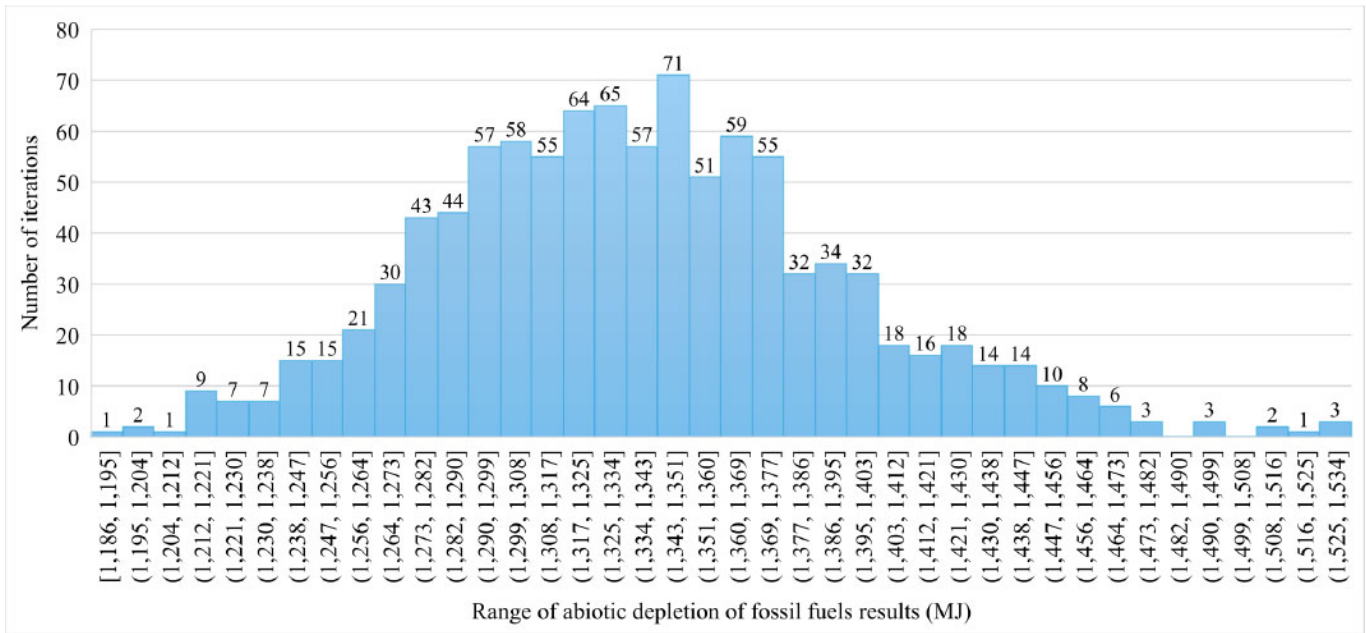
Extensive Green Roof A

- Human toxicity



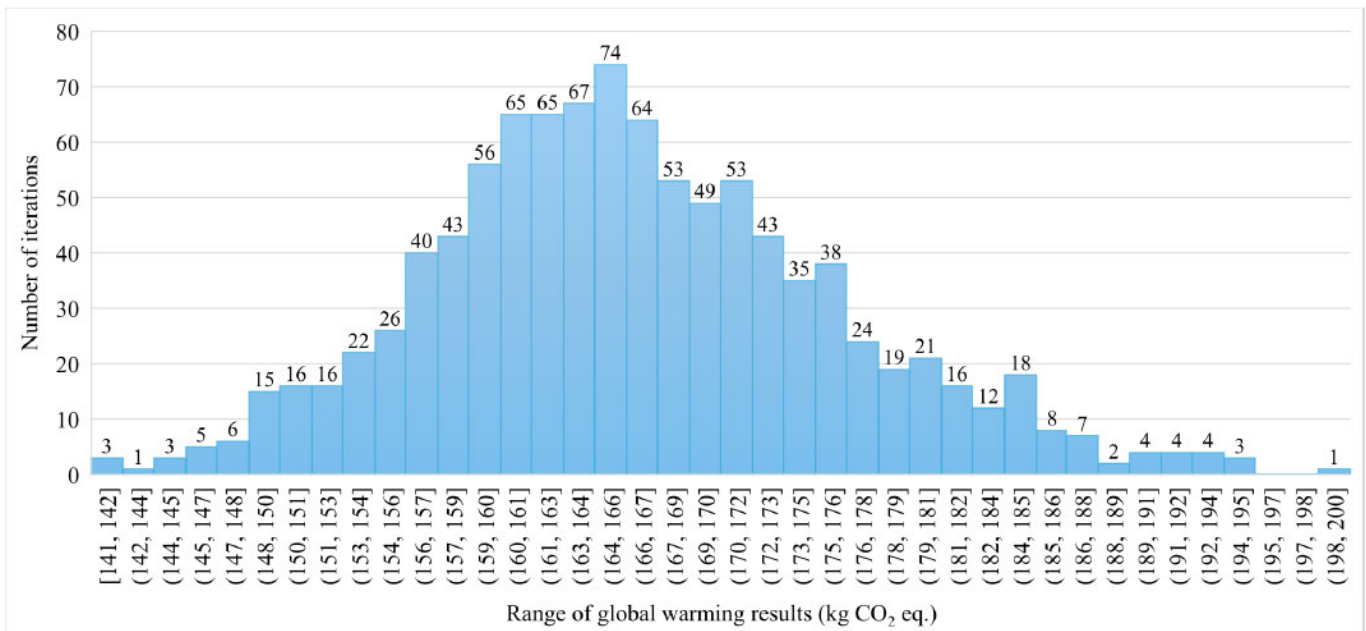
Intensive Green Roof A

- Abiotic depletion of fossil fuels



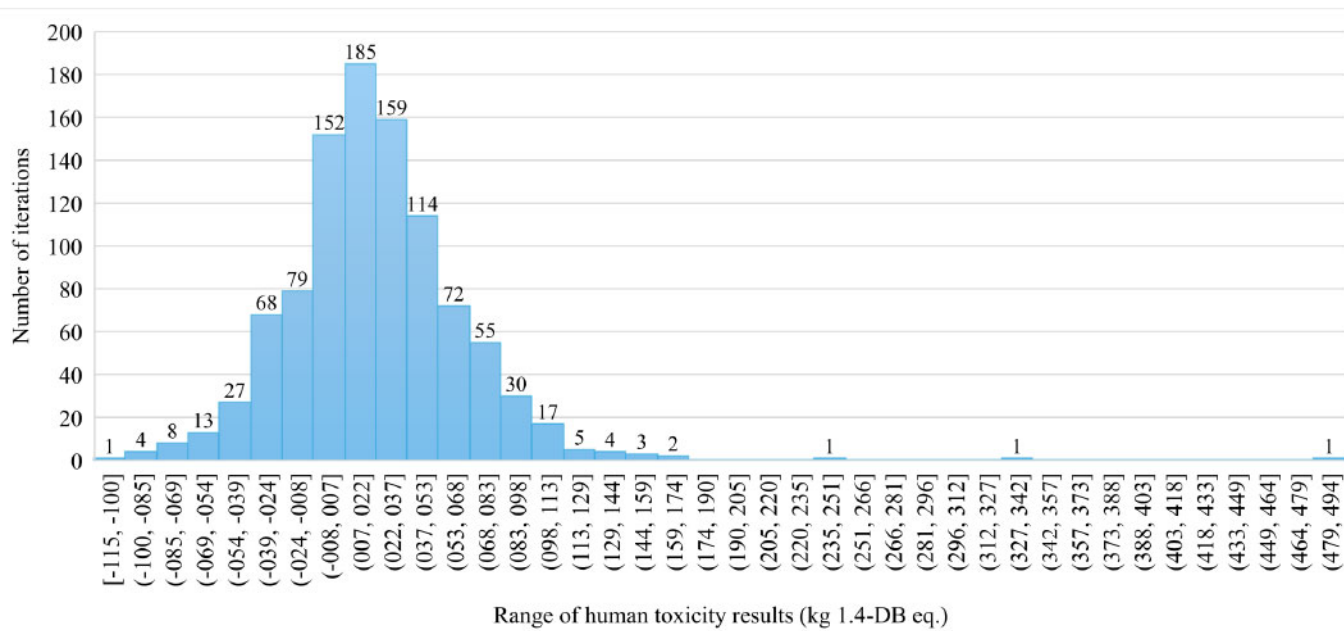
Intensive Green Roof A

- Global warming



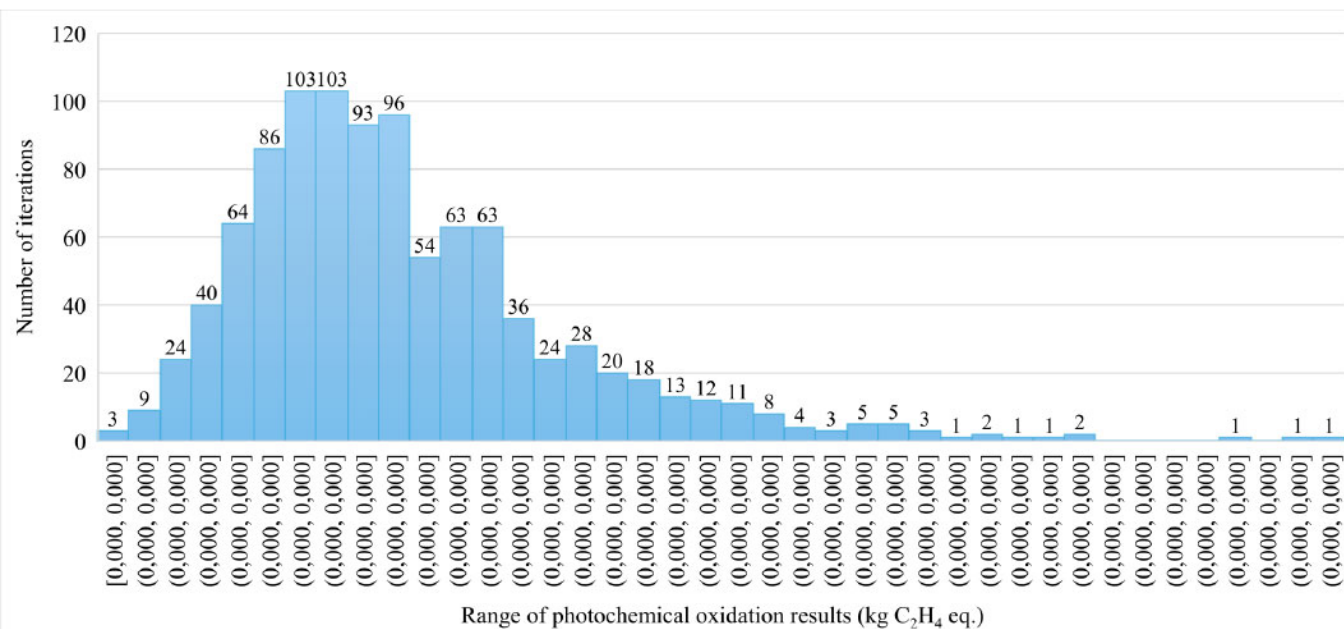
Intensive Green Roof A

- Human toxicity



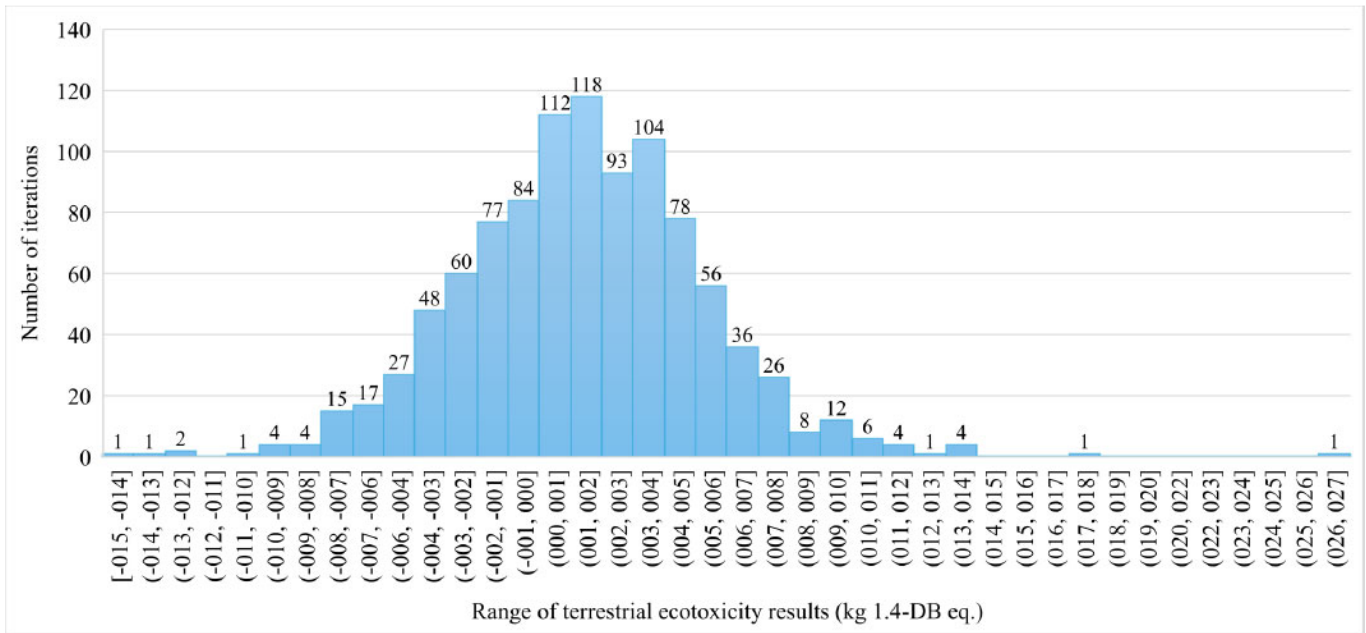
Intensive Green Roof A

- Photochemical oxidation



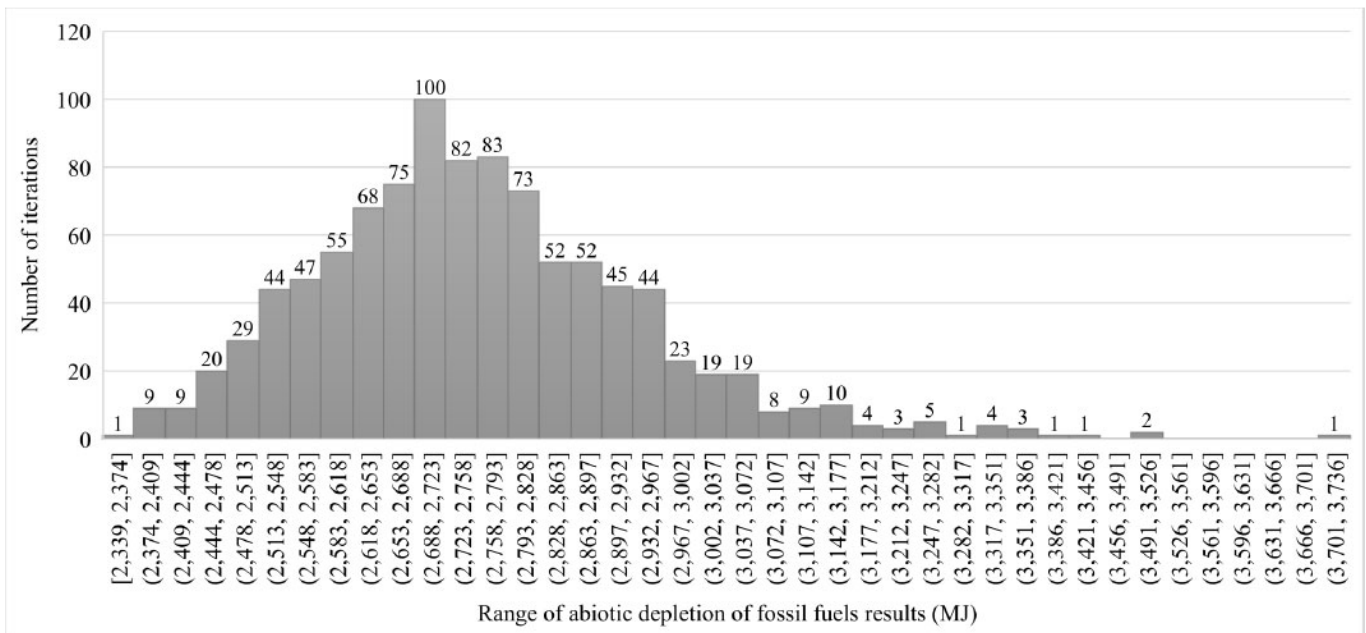
Intensive Green Roof A

- Terrestrial ecotoxicity



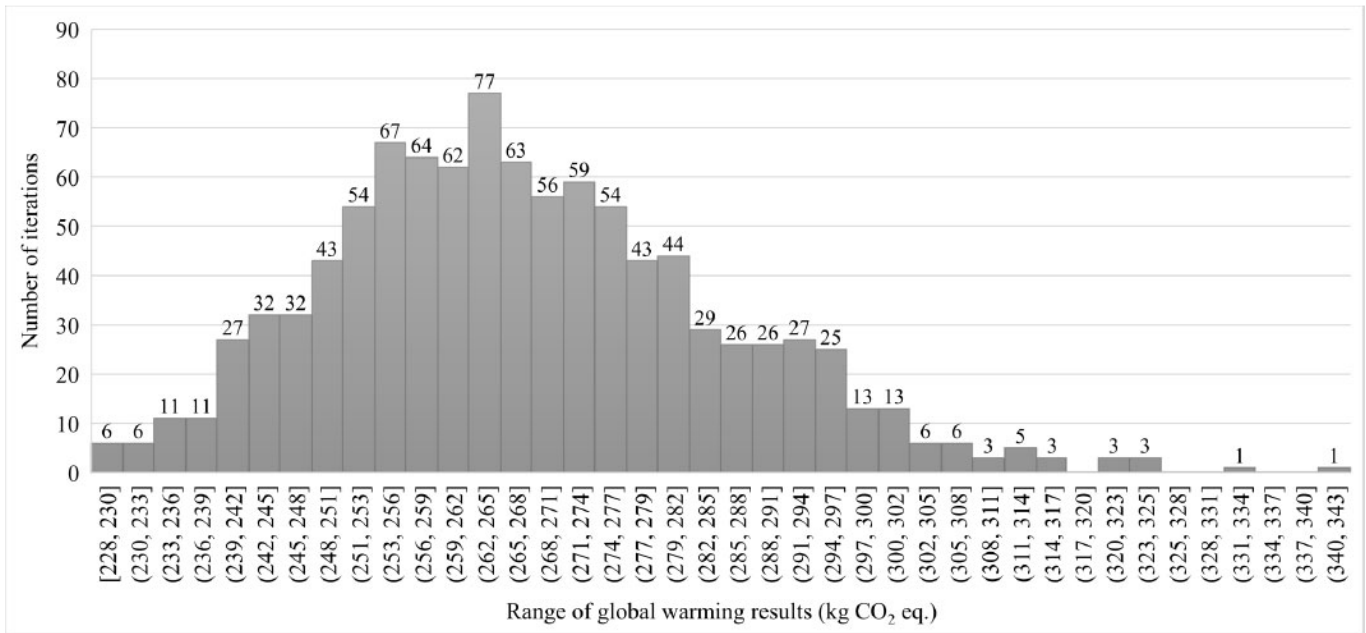
Intensive Green Roof B

- Abiotic depletion of fossil fuels



Intensive Green Roof B

- Global warming



Intensive Green Roof B

- Human toxicity

