



# **Alexis Hoffman, PhD**

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**Accelerating Climate Action with AI - A Path Forward**  
**Accelerating Climate Progress with AI: From Science to Action Workshop**  
**January 14, 2026**

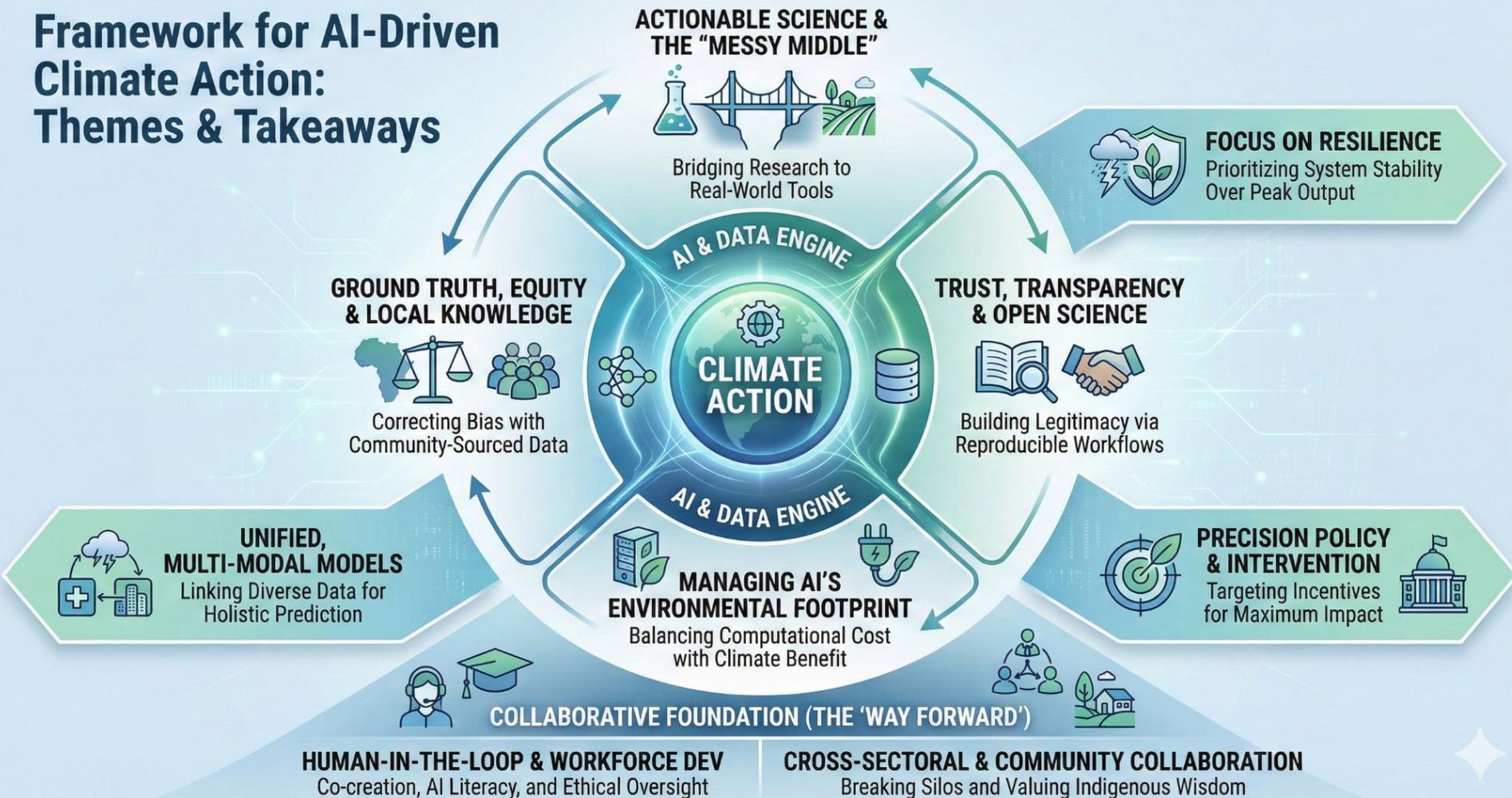
# Fun with AI

I asked the following questions:

(1) Can you make a figure highlighting the primary themes and takeaways from the uploaded documents as it relates to "climate action"?

(2) Can you create a figure, like to a word cloud, with repeated phrases (or words) throughout the uploaded documents?

# Framework for AI-Driven Climate Action: Themes & Takeaways



CLIMATE ACTION AI

MODELS MODELS

CLIMATE CHANGE ACTIONABLE SCIENCE

CLIMATE MAKING OPEN SCIENCE

RESILIENCE ENVIRONMENTAL FOOTPRINT

EMISSIONS

EQUITY GROUND TRUTH

TRANSPARENCY HUMAN-IN-THE-LOOP

DECISION MAKING POLICY

AGRICULTURE FIRE RISK

MITIGATION SUSTAINABILITY

IMPACT UNCERTAINTY TRUST

SOLUTIONS PRECISION FORECASTING LOCAL KNOWLEDGE WORKFORCE DEVELOPMENT

JUSTICE ALGORITHMIC BIAS CROSS-SECTORAL URBAN PLANNING HEALTH ENVIRONMENTAL FOOTPRINT GLORD CITY PRECISION COLLABORATION SUSTAINABILITY SOLUTIONS IMPACT UNCERTAINTY EQUITY IMPACT FIRE RISK TRUST MITIGATION SUSTAINABILITY EMISSIONS UNCERTAINTY HUMAN-IN-THE-LOOP HEALTH FIRE OPEN SCIENCE POLICY POLICY GROUND TRUTH TRUST SUSTAINABILITY GROUND TRUTH TRANSPARENCY CLLABORATION FORECASTING COLLABORATION TRANSPARENCY MESSY MIDDLE FIRE OPEN SCIENCE RISK IMPACT UNCERTAINTY DATA ENVIRONMENTAL FOOTPRINT PRECISION FORECASTING SOLUTIONS EMISSIONS ALGORITHMIC BIAS JUSTICE WORKFORCE DEVELOPMENT HUMAN-IN-THE-LOOP SUSTAINABILITY HUMAN-IN-THE-LOOP ADAPTATION MITIGATION OPEN SARENCY JUSTICE SOLUTIONS CROSS-SECTORAL EMISSIONS JUSTICE WORKFORCE DEVELOPMENT