



Resilience  
Academy

# Resilience Academy

transformative approach for climate resilient African cities in the  
nexus of open data, disruptive technologies and community  
approaches

COP28 UAE (Dec 6th, 2023)

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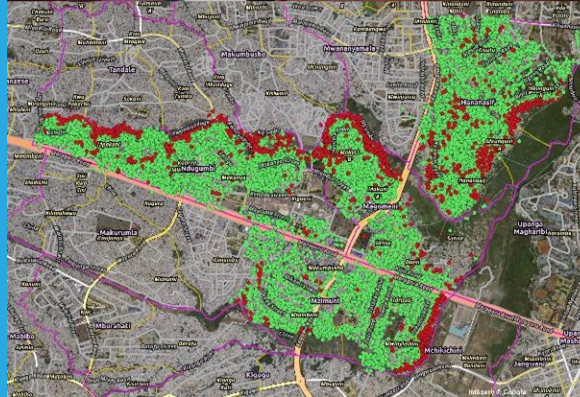
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# The Strategy

Resilience Academy uses open, affordable and locally adaptable digital tools and community participation to transform digital data and youth competences into climate action and urban resilience services



SDG 11

INCLUSIVE  
SAFE  
RESILIENT

SDG 4

QUALITY  
LEARNING  
OPPORTUNITIES

SDG 13

CAPACITY  
ACTION  
YOUTHS

SDG 9

INNOVATIVE  
SCALABLE  
IMPACT





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# Resilience Academy in action

<https://resilienceacademy.ac.tz/>  
[@TanzaniaRA](#)

1

Climate Risk  
Database (CRD)



Open data

2

E-learning  
materials)



Digital skills

3

Mass Internship  
programme



Community mapping

4

Research and  
Innovation



Low-cost technologies

# Resilience Academy in numbers

Published and curated  
digital data sets:

**158**

Registered community  
members

**470+**

Documents and  
guidelines

**41**

**29+** online and  
open-access micro-  
sized learning  
resources

**40+** university  
courses using these  
assets in Tanzania

**900+** students  
exposed to new skills

**1500+** students  
placed in industry  
**20+** internship and  
employment use  
cases

**35+** partners  
(public, private,  
NGOs)

**10+** undergraduate  
and post-graduate  
thesis

**50+** R&I events,  
actions and projects  
**460 +** students in  
the digital data  
challenge campaigns

**1**

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## Students' reflections

- Increased practical skills to work with digital data and tools
- Confidence to meet and tackle with real problems in the society Empowerment of youth in community development and climate action
- Improved competences and access to emerging digital jobs

## Community perceptions

- Increased awareness and recognition of local community assets (tangible, intangible)
- Better recognition of climate risks and capacity to safeguard most valuable local assets for adaptation and mitigation (safety, security)
- Spatial awareness of local living spaces allows improved cooperation, preparedness and conflict resolutions





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THANK YOU - AHSANTENI!

See local climate action of the Tanzania Resilience Academy  
through the ICOS COP 28 recap pages at:  
<https://www.icos-cp.eu/event/1378>

