

# CREATING STRATHCLYDE'S CLIMATE ADAPTATION POLICY



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@CameronJMackay

# OUR WIDER COMMUNITY



# GLASGOW'S CLIMATE RISKS (LAST 50 YEARS)

21% increase in  
average rainfall<sup>1</sup>

1.21°C increase in  
annual max  
temperature<sup>1</sup>

Number of  
heatwave days per  
year increased by 6<sup>1</sup>

<sup>1</sup> Glasgow City Council (2019) 'Climate Risks in Glasgow, [online]. (available at: <https://www.glasgow.gov.uk/CHttpHandler.ashx?id=7272&p=0/>)

# GLASGOW'S CLIMATE RISKS (INEVITABLE BY 2050)

1:200 increase in  
fluvial flooding<sup>2</sup>

1/5 less  
hydrological water  
available<sup>2</sup>

30% more likely to  
experience  
heatwaves<sup>2</sup>

<sup>2</sup>Scottish Cities(2019) 'Climate Risks in Glasgow, [online]. (available at: <https://www.scottishcities.org.uk/site/assets/files/1104>)

# GLASGOW'S CLIMATE RISKS (CAMPUS IMPACTS)

Discomfort and  
overheating in  
classrooms/offices



Poor campus  
accessibility due to  
flooding



Difficulty to make it  
to work during  
extreme weather



Increasing  
maintenance  
costs



# CLIMATE READY CLYDE PARTNERSHIP



# STRATHCLYDE CLIMATE CHANGE ADAPTATION PLAN

The University of Strathclyde has identified four main elements to be covered in our new Adaptation Policy.

## 1: CAPITAL PROJECTS

Design and enforce high environmental spec. on new building projects.



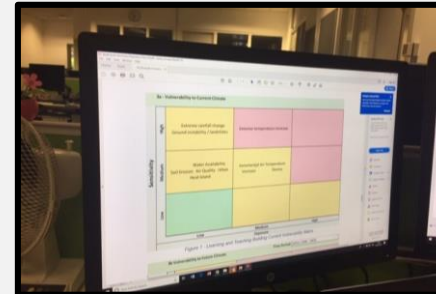
## 2: RETROFITTING

Seek opportunities to install green infrastructure.



## 2: MONITOR + REPORT

Monitor vulnerability of building stock and infrastructure.



## 2: PREPAREDNESS

Engage with staff to raise awareness of hazards and adaptation.



# A CENTURY OF ADAPTATION



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