

Emergency Events

Exposure to extreme weather events, including floods, bushfires, and extreme heat.



Cause #	Cause description
1	Extreme heat resulting in heat stroke.
2	Trapped in a bushfire.
3	Drowning in flash flooding.
4	Struck by lightning.
5	Struck by a falling tree.
6	Caught in a severe storm/ cyclone; struck by hail
7	Structure collapse post adverse weather event.
8	Medical emergencies.
9	Search and rescue emergencies.
10	Chemical spills, fire and explosions.
11	Campus wide lockdown.
12	Air contamination.
13	Improper evacuations.

Preventive controls (reducing likelihood)	Critical/non critical	Cause #
(CC01) Provision of adequate drinking water and hydration supplements.	Critical	1, 2
(CC02) Access to shade/cooling.	Critical	1
(CC03) SCU employees must not drive vehicles in, or walk through, flooded water.	Critical	3, 6
(CC04) SCU employees must remain in adequate shelter during extreme weather events.	Critical	1 – 7
(CC05) Campus tree maintenance and tree audit program, including pre- and post-severe weather events.	Critical	5
SCU employees comply with weather alerts and warnings.	Non-Critical	1 – 7
Critical Incident Response Plan for each campus and site, and Student Critical Incident Management (SCIM) when required.	Non-Critical	8, 9, 11, 12
Wearing PPE to mitigate heat exposure in a fire safety incident, including: • Long pants • Long-sleeved breathable shirts • Broad-brimmed hats	Non-Critical	1, 10
Lismore Evacuation Centre Flood Plan.	Non-Critical	3, 6, 13
Use of heat stress calculator to determine task duration, timing and go/no go.	Non-Critical	1
Building maintenance for SCU controlled buildings.	Non-Critical	7
Bushfire management plan (Lismore campus).	Non-Critical	2, 9, 10, 12, 13
Mitigating controls (reducing consequence)	Critical/non critical	Cause #
Implement post heat stress/stroke restrictions on personnel to allow for adequate recovery.	Non-Critical	1
(CC06) First aid applied as per first aid training.	Critical	1 – 8
(CC07) Persons affected placed in cool place and provided hydration.	Critical	1
Defibs on each campus.	Non-Critical	8

Potential to interact with other fatal risks	
Critical risk	Potential interaction
Electrical Work.	Downed powerlines as a result of adverse weather events.
Remote and isolated work.	Delay in emergency response due to adverse weather events.
Vehicle operation.	Loss of control of vehicle due to adverse weather events.
OVA.	Lockdown, active attacker.