

Risk Assessment

Risk Assessment for the activity of	SUCES Water Treatment Trip 10 th March 2026 Southern Water, Southmoor Ln, Havant PO9 1JW	Date	25/02/2026
Group name	SUSU SUCES	Assessor	Hazem Alamamy
Supervisor	Vanessa Tan Jia Shuen Hazem Alamamy	Signed off	N/A, please upload to groupshub for digital sign-off by SUSU Activities team

The society will be undertaking an educational trip to a Southern Water water treatment plant, aimed at providing members with practical exposure to real-world water and wastewater treatment operations. Southern Water will be responsible for hosting the visit, including site access, safety briefings, and guidance through the treatment processes and facilities. Responsibility for transport to and from the site, as well as the general conduct and behaviour of attending students, will remain with the society and the students' union. The visit will involve a guided tour of the treatment plant, covering key stages such as screening, clarification, biological treatment, and final disinfection, alongside discussions on process control, regulatory requirements, and sustainability. The trip is intended to complement academic learning by linking theoretical concepts in chemical and environmental engineering with industrial practice.

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PART A										
(1) Risk identification			(2) Risk assessment				(3) Risk management			
Hazard	Potential Consequences	Who might be harmed (user; those nearby; those in the vicinity; members of the public)	Inherent			Control measures (use the risk hierarchy)	Residual			Further controls (use the risk hierarchy)
			L i k e l i h o o d	I m p a c t	S c o r e		L i k e l i h o o d	I m p a c t	S c o r e	
Slips, Trips, Falls	Accident and/or Injury	<ul style="list-style-type: none"> - Students - Members of the public 	1	3	3	<ul style="list-style-type: none"> • Group sizes reduced to ensure no large groups are formed. • Students will be encouraged to take care when crossing busy streets and when negotiating paths. Students will also be encouraged to wear appropriate footwear when travelling by foot. 	1	3	3	<ul style="list-style-type: none"> • Should injury occur, Committee to contact appropriate emergency services • Committee to have local British Consulate number available - • Organisers to bring a first aid kit for minor injuries • Committee to complete SUSU Incident report as soon as possible – available here

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			L i k e l i h o o d	I m p a c t	S c o r e		L i k e l i h o o d	I m p a c t	S c o r e	
Individuals getting lost while on the trip.	Missing the flight there or back.	User.	2	3	6	<ul style="list-style-type: none"> Everyone has been informed to stay in groups of three or more. Advice on mobile data plans has been given, as well as meeting points and general travel itinerary. Groups will be staying on guided tours or tours of popular attractions which are well policed. Only licensed taxi companies such as Uber shall be used, as well as reliable public transport links 	1	2	2	<ul style="list-style-type: none"> The phone numbers of the committee members in attendance have been given to everyone on the trip. The committee will keep everyone together and periodically conduct group counts at important sections of the trip (i.e. coach travel, airport, hostel check-in and check-out).

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Transport: Cancellation/Diversions	Students not reaching intended destination	- Students	3	1	3	<ul style="list-style-type: none"> Committee to review Flight times and any potential cancellations/diversions prior to the trip 	3	1	3	<ul style="list-style-type: none"> During the trip, the committee to regularly review flight times to check for any possible cancellations and diversions. Ensure each participant has booked appropriate insurance for the duration of the trip and has access to insurance details

University of Southampton Health & Safety Risk Assessment

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Travelling around location	Large groups forming	<ul style="list-style-type: none"> - Students - Members of the public 	3	2	6	<ul style="list-style-type: none"> • split students into smaller groups to avoid large groups forming 	3	1	3	<ul style="list-style-type: none"> • Organisers to familiarise self with location and destinations in advance. Interary provided were possible. E.g. use websites like trip advisor, google maps

University of Southampton Health & Safety Risk Assessment

Version: 2.3/2017

<p>Traffic- accident or collision</p>	<p>Death or major injury</p>	<ul style="list-style-type: none"> - Students - Members of the Public 	<p>1</p>	<p>5</p>	<p>5</p>	<ul style="list-style-type: none"> ● Where possible students should avoid driving own vehicles in county. Travel by public transport, hire of coach/bus with reputable company ● Buses without seatbelts are avoided if possible and never used on high speed roads ● Student drivers- The driver will need to become familiar with local driving regulations. It is important to verify that the driver is actually licensed to drive a vehicle in the country to be visited, e.g. does the country to be visited recognize a British driving license or is an International driving license needed ● Verbal warning of risk 	<p>1</p>	<p>3</p>	<p>3</p>	<ul style="list-style-type: none"> ● Should injury occur, Committee to contact appropriate emergency services ● Committee to have local British Consulate number available - ● Organisers to bring a first aid kit for minor injuries ● Committee to complete SUSU Incident report as soon as possible – available here ● Ensure all participants have insurance and access to details
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						<ul style="list-style-type: none"> Encourage students to use pedestrian crossings wherever possible Encourage students to travel in appropriate group sizes to ensure no large groups are formed Walks on foot will be planned to avoid fast roads wherever possible. 				

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Adverse Weather	Sunstroke, heatstroke, cold, minor illnesses as a result of weather	<ul style="list-style-type: none"> Students 	2	3	6	<ul style="list-style-type: none"> Advise students and helpers to take appropriate clothing i.e. waterproofs, hat, sun cream 	1	3	3	<ul style="list-style-type: none"> Should weather be deemed 'adverse' this tour will be cancelled

University of Southampton Health & Safety Risk Assessment

Version: 2.3/2017

<p>Risk of Violent Crime, harassment and/or abuse</p>	<p>Accident and or injury</p>	<ul style="list-style-type: none"> ● Students ● Members of the public 	<p>2</p>	<p>5</p>	<p>10</p>	<ul style="list-style-type: none"> ● Students will be encouraged to stay in groups at all time. ● Trip organisers to familiarise self with countries emergency phone numbers ● Advise participants to research local laws and customs before entering a new country (FCO website as primary resource), so they don't cause offence for cultural differences. ● Stay away from large gatherings or demonstrations ● Organisers to have a record of & to share details of the consular office for the nationality of each participant 	<p>1</p>	<p>5</p>	<p>5</p>	<ul style="list-style-type: none"> ● <u>Should a student witness or be a victim to such crime they are able to contact the appropriate emergency service and report to the committee. In turn this to be reported to the duty manager</u> ● Committee to contact appropriate emergency services ● Committee to have local British Consulate number available - ● Organisers to bring a first aid kit for minor injuries ● Committee to complete SUSU Incident report as soon as possible – available here
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			Likelihood	Impact	Score		Likelihood	Impact	Score	
						<ul style="list-style-type: none"> Advise participants to use common sense when getting into vehicles, or accepting invitations and to get out of the vehicle if they feel at risk Participants all advised to give up their valuables in the event of a confrontation to prioritise own safety 				

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Loss of valuables	Lost items	- Students	2	2	4	<ul style="list-style-type: none"> All attendees will be warned prior to the trip to keep valuables secure and hidden Advise participants to have access to personal emergency money, for food/water/travel in the event of robbery, e.g. via telephone Stay away from large gatherings or demonstrations Advise participants to bring a photocopy of their passport. 	1	2	2	<ul style="list-style-type: none"> Organisers to have a record of & to share details of the consular office for the nationality of each participant If passport lost, make an official report and contact the nearest embassy or consulate Ensure each participant has booked appropriate insurance for the duration of the trip and has access to insurance details

University of Southampton Health & Safety Risk Assessment

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Students becoming lost	Distressed students	- Students	2	2	4	<ul style="list-style-type: none"> Should student become lost, students will be encouraged to message the committee through designed chat. Whatsapp, Facebook etc Encourage all participants to swap numbers before trip 	2	1	2	<ul style="list-style-type: none"> Students will be encouraged to stay in groups at all time. Organisers to share trip itinerary were applicable

University of Southampton Health & Safety Risk Assessment

Version: 2.3/2017

<p>Inappropriate behaviour – from others or students</p>	<p>Distressed students, members of the public</p>	<ul style="list-style-type: none"> - Students - Members of the public 	<p>2</p>	<p>3</p>	<p>6</p>	<ul style="list-style-type: none"> ● Should inappropriate behaviour occur, students can contact both SUSU and/or appropriate emergency services ● Participants to research local laws and customs before entering a new country (FCO website as primary resource), so they don't cause offence for cultural differences ● Alcohol: members to follow SUSU expect respect guidance, binge drinking to be discouraged, participants encouraged to buddy up and be sensible/use common sense when drinking e.g. do not leave drinks unattended, do not drink to excess, use licenced premises 	<p>1</p>	<p>3</p>	<p>3</p>	<ul style="list-style-type: none"> ● Ensure participants are aware that they are responsible for own behaviour (e.g. if arrested), share SUSU expect respect policy in advance of trip ● Ensure participants have appropriate insurance and access to mobile phone ● Committee to have local British Consulate number available - ● Committee to complete SUSU Incident report as soon as possible – available here
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University of Southampton Health & Safety Risk Assessment

Version: 2.3/2017

Incident- Experience of terrorism	Distress, serious injury, fatality	Students Public Wider student community etc	2	5	10	<ul style="list-style-type: none"> Organisers to encourage participants to research the political situation of the country they are entering, using the FCO website, will not book trips to FCO most dangerous countries Will research specific regions within the country, considering FCO advice and the make-up of student group (e.g. nationalise, religious restrictions etc) Each participant to have at hand details of local consular office and list of local emergency phone numbers Participants to have a copy of passport and insurance documents In case of an incident follow Run, Hide, Tell guidance, follow the advice of in-country energy service 	1	5	5	<ul style="list-style-type: none"> Ensure each participant has booked appropriate insurance for the duration of the trip and has access to insurance details Committee to contact appropriate emergency services Committee to have local British Consulate number available - Organisers to bring a first aid kit for minor injuries Committee to complete SUSU Incident report as soon as possible – available here
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University of Southampton Health & Safety Risk Assessment

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						<ul style="list-style-type: none"> Stay away from large gatherings or demonstrations Mobile phone access-ensure chargers are taken and research has been done onto local adapters, network access 				

University of Southampton Health & Safety Risk Assessment

Version: 2.3/2017

<p>Incidents restricting travel and health- Natural Disasters, pandemics, political incidents</p>	<p>Distress, serious injury, fatality, inability to return home</p>	<p>Students Public Wider student community etc</p>	<p>2</p>	<p>5</p>	<p>10</p>	<ul style="list-style-type: none"> ● Stay away from large gatherings or demonstrations ● Mobile phone access- ensure chargers are taken and research has been done onto local adapters, network access ● Organisers to encourage participants to research the political situation of the country they are entering, using the FCO website, will not book trips to FCO most dangerous countries ● Will research specific regions within the country, considering FCO advice and the make-up of student group (e.g. nationalise, religious restrictions etc) 	<p>1</p>	<p>5</p>	<p>5</p>	<ul style="list-style-type: none"> ● Ensure each participant has booked appropriate insurance for the duration of the trip and has access to insurance details ● Should injury occur, Committee to contact appropriate emergency services ● Committee to have local British Consulate number available - ● Organisers to bring a first aid kit for minor injuries ● Committee to complete SUSU Incident report as soon as possible – available here
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						<ul style="list-style-type: none"> Each participant to have at hand details of local consular office and list of local emergency phone numbers Participants to have a copy of passport and insurance documents Regular checks with travel company prior to departure 				

University of Southampton Health & Safety Risk Assessment

Version: 2.3/2017

<p>Medical Emergency</p>	<p>Participants may sustain injury due to; pre-existing medical conditions, an incident whilst travelling, or as a result of a poor response to a previous medical situation.</p>	<p>Student participants</p>	<p>3</p>	<p>5</p>	<p>15</p>	<ul style="list-style-type: none"> ● advise participants; to bring their personal medication, what numbers to ring in an emergency, and that the priority is to first seek medical attention in country (not to call home first!) ● Advice participants to bring enough medication for trip duration and include ingredients list, packaging (to support in country medical team if required) ● Next of kin and medical details have been collected in case they are needed for medical reasons- stored securely following GDPR Guidelines ● Organisers to familiarise self and brief participants on local medical facilities 	<p>2</p>	<p>5</p>	<p>10</p>	<ul style="list-style-type: none"> ● Ensure each participant has booked appropriate insurance for the duration of the trip and has access to insurance details ● Encourage participants to Check legal restrictions on import /export controls on medications ● Should an incident occur, Committee to contact appropriate emergency services ● Committee to have local British Consulate number available - ● Organisers to bring a first aid kit for minor injuries ● Committee to complete SUSU Incident report as soon as possible – available here
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Version: 2.3/2017

Drowning- tours/trips by the sea, lakes etc, activities involving water	Serious injury/fatality	Student participants	2	5	10	<ul style="list-style-type: none"> ● Participants to obey local laws and follow local advice on tides etc ● Ideally swimming should be avoided when no lifeguard provision is available ● Follow FCO guidance on country safety. on tidal patterns ● Advice common sense- Participants undertake activities at own risk- encouraged to think about own ability e.g. swimming competency and training (water sports) ● Life jackets/PPI to be worn as instructed ● Swimming at night to be avoided 	1	5	5	<ul style="list-style-type: none"> ● Ensure each participant has booked appropriate insurance for the duration of the trip and has access to insurance details ● Should injury occur, Committee to contact appropriate emergency services ● Committee to have local British Consulate number available - ● Organisers to bring a first aid kit for minor injuries ● Committee to complete SUSU Incident report as soon as possible – available here ● Ongoing dynamic risk assessment taking into account location and weather

University of Southampton Health & Safety Risk Assessment

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Fire	Burns, inhaling smoke, serious injury	Students, members of public	1	5	5	When a fire occurs, participants contact emergency services immediately. Participants to be briefed on fire exits , assembly points and correct evacuation procedures	1	3	3	Ensure that no smoking and no open flames are prohibited during the trip.

PART B – Action Plan

Risk Assessment Action Plan

Part no.	Action to be taken, incl. Cost	By whom	Target date	Review date	Outcome at review date
1	Organisers to ensure appropriate travel insurance has been secured by/for each participant	Bartlomiej Wisniewski			

University of Southampton Health & Safety Risk Assessment

Version: 2.3/2017

2	Participant briefing on health & safety before trip e.g. meeting, online, emails (including consular and emergency services information)	Malhar Deval			
3	Trip itinerary and details of hotels/flights shared with all participants	Vanessa Tan Jia Shuen			
4	Participants emergency contact details gathered by organisers- stored securely in accordance with GDPR guidelines	Malhar Deval			
5	Organisers to check and pack a first aid kit	Malhar Deval			
6	Organisers Severe Weather and Natural Disaster Check prior to departure	Malhar Deval			
7	Transport- where student drivers and hire vehicles to be used ensure company vehicle safety checks area carried out, and research laws on licencing Book appropriate travel insurance/cover	Bartlomiej Wisniewski			
8	Deliver a brief on fire evacuation procedures at the start of the trip	Hazem Alamamy			
Responsible committee member signature: Hazem Alamamy				Responsible committee member signature: Vanessa Tan Jia Shuen	
Print name: HAZEM ALAMAMY				Print name: VANESSA TAN JIA SHUEN	
Date: 25/02/202 6				Date: 25/02/202 6	

University of Southampton Health & Safety Risk Assessment

Version: 2.3/2017

Assessment Guidance

1. Eliminate	Remove the hazard wherever possible which negates the need for further controls	If this is not possible then explain why	
2. Substitute	Replace the hazard with one less hazardous	If not possible then explain why	
3. Physical controls	Examples: enclosure, fume cupboard, glove box	Likely to still require admin controls as well	
4. Admin controls	Examples: training, supervision, signage		
5. Personal protection	Examples: respirators, safety specs, gloves	Last resort as it only protects the individual	

LIKELIHOOD	5	5	10	15	20	25
	4	4	8	12	16	20
	3	3	6	9	12	15
	2	2	4	6	8	10
	1	1	2	3	4	5
		1	2	3	4	5
		IMPACT				

Risk process

- Identify the impact and likelihood using the tables above.
- Identify the risk rating by multiplying the Impact by the likelihood using the coloured matrix.
- If the risk is amber or red - identify control measures to reduce the risk to as low as is reasonably practicable.
- If the residual risk is green, additional controls are not necessary.
- If the residual risk is amber the activity can continue but you must identify and implement further controls to reduce the risk to as low as reasonably practicable.
- If the residual risk is red do not continue with the activity until additional controls have been implemented and the risk is reduced.
- Control measures should follow the risk hierarchy, where appropriate as per the pyramid above.
- The cost of implementing control measures can be taken into account but should be proportional to the risk i.e. a control to reduce low risk may not need to be carried out if the cost is high but a control to manage high risk means that even at high cost the control would be necessary.

Likelihood	
1	Rare e.g. 1 in 100,000 chance or higher
2	Unlikely e.g. 1 in 10,000 chance or higher
3	Possible e.g. 1 in 1,000 chance or higher
4	Likely e.g. 1 in 100 chance or higher
5	Very Likely e.g. 1 in 10 chance or higher

Impact		Health & Safety
1	Trivial - insignificant	Very minor injuries e.g. slight bruising

University of Southampton Health & Safety Risk Assessment

Version: 2.3/2017

2	Minor	Injuries or illness e.g. small cut or abrasion which require basic first aid treatment even in self-administered.
3	Moderate	Injuries or illness e.g. strain or sprain requiring first aid or medical support.
4	Major	Injuries or illness e.g. broken bone requiring medical support >24 hours and time off work >4 weeks.
5	Severe - extremely significant	Fatality or multiple serious injuries or illness requiring hospital admission or significant time off work.