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File name 文件名	<b>Special Emergency Plan for Environmental Pollution Case</b> <b>环境污染专项应急预案</b>	

### Approval process

#### 审批过程

	Name 姓名	Title 职务	Signature 签名	Date 日期
Drafted by 起草人	Xu Guangxiang 许光祥	EHS Officer		
Reviewed by 审阅人	Eran Galor; Shaogang Chen陈少刚; Sehoon Park; Vijaykumar Jadhav; Ehud (Udi) Sarig;	Deputy General Director; PVC assistant & Safety coordinator; Academy Safety Representative; MSE Safety Representative; BFE Safety Representative;		
Approved by 批准人		Campus Safety Committee;		

### Reversion records

#### 版本历史记录

Rev. No. 版本号	Publication date 出版日期	Rev. reason/ content modified 再版原因/更改内容
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### Relevant departments (select relevant departments with a “√”)

#### 相关部门 (用√勾选相关部门)

Construction Dept. 校园建设部	√	Operation Dept. 校园运营部	√	H.R. Dept. 人力资源部	√
RIGS 研究创新和研 究生部	√	U.G. Dept. 本科教学部	√	I.T.Dept. 电脑信息部	√

### Relevant documents 相关文件

GTIIT\_EHS\_06\_14\_Comprehensive Emergency Plab of Lab Safety of GTIIT 广东以色列理工学院实验室安全事故应急综合预案

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## 1. Purpose 目的

In order to effectively prevent environmental pollution accidents, especially heavy environmental pollution, timely and reasonably deal with all kinds of major sudden environmental pollution accidents that may occur on campus, effectively control and eliminate pollution, maintain the natural ecological environment, and ensure the physical and mental health of all teachers and students and the conduct of normal life, education and teaching activities, this plan is specially formulated.

为有效防范环境污染事故特别是重特大环境污染的发生，及时合理处置可能发生在校内的各类重大突发性环境污染事故，有效控制和消除污染，维护自然生态环境，保障全体师生身心健康及正常生活、教育教学活动的进行，特制定本预案。

## 2. Scope 范围

The provisions of this document apply to the control and disposal of sudden environmental pollution accidents that occur in the GTIIT.

本文件规定适用于广东以色列理工学院内发生的突发性环境污染事故的控制和处置行为，均适用本预案的规定。

## 3. Responsibility 职责

**Environmental Accident Emergency Management Leading Group 环境事故应急处理领导小组：**

- Responsible for commanding, coordinating and responding to accident scenes;  
负责事故现场指挥、协调和应急处置；
- According to the types and characteristics of subject laboratories, formulate and implement emergency plans for environmental accidents according to the characteristics of subject laboratories;  
根据学科实验室类型及特点，制定和落实针对该学科实验室事故特性的环境事故应急预案；
- Strengthen education and emergency drills for prevention and treatment of environmental accidents, and ensure the effective implementation of various emergency plan measures;  
加强环境事故预防和处理教育和应急演练，保证各项应急预案措施有效实施；

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- Responsible for protecting the scene after the occurrence of environmental accidents, and coordinating and directing on-site rescue to ensure that environmental accidents are effectively dealt with as soon as possible;  
环境事故发生后，负责保护现场，并做好现场救援的协调、指挥工作，确保环境事故第一时间得到有效处理；
- Timely and accurately report laboratory and campus environmental anomalies.  
及时、准确地上报实验室和校内的环境异常事故。

#### 4. Terminology 术语：

##### Accident classification 事故分级

Implement the environmental accident grading and reporting system in accordance with the "Procedures for Reporting Environmental Emergency Information" promulgated by the State.  
根据国家公布的《突发环境事件信息报告办法》执行环境事故分级和汇报制度。

##### 4.1. General environmental pollution and destruction accidents (Class IV) 一般环境污染与破坏事故(IV级)

- Refers to direct economic losses of less than 5 million yuan due to pollution or destructive behavior;  
指由于污染或破坏行为造成直接经济损失在500万元以下的；
- Environmental emergencies other than particularly major environmental emergencies, major environmental emergencies, and major environmental emergencies.  
除特别重大突发环境事件、重大突发环境事件、较大突发环境事件以外的突发环境事件。

##### 4.2. Larger environmental pollution and damage accidents (Class III) 较大环境污染与破坏事故(III级)

A larger environmental event is one that meets one of the following conditions:  
凡符合下列情形之一的，为较大突发环境事件：

- Directly causing the death of less than 3 people or poisoning of more than 10 people and less than 50 people due to environmental pollution;  
因环境污染直接导致3人以下死亡或10人以上50人以下中毒的；

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- Those who need to evacuate or transfer more than 5,000 people to less than 10,000 people due to environmental pollution;  
因环境污染需疏散、转移群众5000人以上1万人以下的；
- Direct economic losses of RMB 5 million to RMB 20 million due to environmental pollution;  
因环境污染造成直接经济损失500万元以上2000万元以下的；
- The animal and plant species under national key protection are damaged due to environmental pollution;  
因环境污染造成国家重点保护的动植物物种受到破坏的；
- Discontinued water withdrawal from centralized drinking water sources in towns and villages due to environmental pollution;  
因环境污染造成乡镇集中式饮用水水源地取水中断的；
- Class 3 radioactive sources are lost, stolen or out of control, causing environmental impact;  
3类放射源丢失、被盗或失控，造成环境影响的；
- Environmental emergencies across cities.  
跨地市界突发环境事件。

#### 4.3. Major environmental pollution and destruction accidents (Class II) 重大环境污染与破坏事故(II级)

Any one of the following situations is a major environmental emergency:

凡符合下列情形之一的，为重大突发环境事件：

- Environmental pollution directly caused the death of 3 or more and 10 or less than 50 or more than 100;  
因环境污染直接导致3人以上10人以下死亡或50人以上100人以下中毒的；
- Those who need to evacuate or transfer people from 10,000 to 50,000 due to environmental pollution;  
因环境污染需疏散、转移群众1万人以上5万人以下的；
- Direct economic losses of more than 20 million yuan but less than 100 million yuan due to environmental pollution;  
因环境污染造成直接经济损失2000万元以上1亿元以下的；

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- Partial loss of regional ecological functions due to environmental pollution or large-scale death of wild animal and plant populations under national key protection;  
因环境污染造成区域生态功能部分丧失或国家重点保护野生动植物种群大批死亡的；
- Discontinued water withdrawal from centralized drinking water sources at county level cities due to environmental pollution  
因环境污染造成县级城市集中式饮用水水源地取水中断的；
- Heavy metal pollution or explosions, leaks, etc. during the production, storage, transportation, or use of hazardous chemicals, or environmental emergencies caused by dumping, stacking, discarding, or strewing hazardous waste, etc. occur in key national watersheds and national nature reserves , Scenic areas or residential areas, hospitals, schools and other sensitive areas;  
重金属污染或危险化学品生产、贮运、使用过程中发生爆炸、泄漏等事件，或因倾倒、堆放、丢弃、遗撒危险废物等造成的突发环境事件发生在国家重点流域、国家级自然保护区、风景名胜区或居民聚集区、医院、学校等敏感区域的；
- Loss, theft, and out-of-control of Class 1 or 2 radioactive sources, or environmental incidents caused by nuclear facilities and uranium smelting facilities that meet the emergency state standards for entering the site, or incidents where imported goods have severely exceeded the standard;  
1、2类放射源丢失、被盗、失控造成环境影响，或核设施和铀矿冶炼设施发生的达到入场区应急状态标准的，或进口货物严重辐射超标的事件；
- Environmental emergencies across provinces (autonomous regions, municipalities).  
跨省（区、市）界突发环境事件。

#### 4.4. Extraordinary Environmental Pollution and Damage Accidents (Class I) 特大环境污染与破坏事故(I级)

Any one of the following situations is a particularly serious environmental emergency:

凡符合下列情形之一的，为特别重大突发环境事件：

- Directly causing the death of more than 10 people or poisoning of more than 100 people due to environmental pollution;

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因环境污染直接导致10人以上死亡或100人以上中毒的；

- Those who need to evacuate or transfer more than 50,000 people due to environmental pollution;  
因环境污染需疏散、转移群众5万人以上的；
- Direct economic losses of more than 100 million yuan due to environmental pollution;  
因环境污染造成直接经济损失1亿元以上的；
- Loss of regional ecological functions or extinction of key national protected species due to environmental pollution;  
因环境污染造成区域生态功能丧失或国家重点保护物种灭绝的；
- Discontinued water withdrawal from centralized drinking water sources in cities at or above the city level due to environmental pollution;  
因环境污染造成地市级以上城市集中式饮用水水源地取水中断的；
- Large-scale serious radiation pollution consequences caused by uncontrolled radioactive sources of Classes 1 and 2; serious nuclear accidents in nuclear facilities that need to enter the off-site emergency, or the consequences of accidental radiation may affect neighboring provinces and overseas, or in accordance with the International Nuclear Event Classification (INES “Standard” is a nuclear incident above Level 3; nuclear accidents occurring in Taiwan ’ s nuclear facilities in accordance with the “International Nuclear Event Classification (INES) Standard” are nuclear accidents belonging to Level 4 or higher; “INES” standard is a nuclear accident above level 4;  
1、2类放射源失控造成大范围严重辐射污染后果的；核设施发生需要进入场外应急的严重核事故，或事故辐射后果可能影响邻省和境外的，或按照“国际核事件分级（INES）标准”属于3级以上的核事件；台湾核设施中发生的按照“国际核事件分级（INES）标准”属于4级以上的核事故；周边国家核设施中发生的按照“国际核事件分级（INES）标准”属于4级以上的核事故；
- Environmental emergencies across borders.  
跨国界突发环境事件。

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## 5. Process 流程

### 5.1. Report process and content of environmental accidents on campus 环境事故校内汇报流程和内容

Environmental pollution accidents or major environmental emergencies that may develop into them shall be reported to the school management, school office and relevant government units in a timely manner.

发生环境污染事故或可能发展成为的重大环境突发事件，应及时向学校管理层、校办公室及政府有关单位汇报。

1. Once an environmental pollution leak occurs, it must be reported immediately to the EHS office, the school management office;  
一旦发生环境污染泄露事故，必须立即报告EHS办公室，学校管理层办公室；
2. The time and place where the environmental accident occurred, the name of the school district that caused the accident, the name of the reporter, and the contact phone number; a brief description of the accident; the measures taken, etc.

报警环境事故发生的时间、地点，造成事故的校区名称，报告人的姓名、联系电话；事故的简要经过；已经采取的措施等。

### 5.2. Emergency procedures 应急处理程序

- (1) After receiving the environmental accident report, the EHS office should immediately notify the school emergency response team to arrive at the incident site for confirmation as soon as possible;  
EHS办公室接到环境事故报告后，应立即通知校内应急响应小组在最快的时间赶到事发现场进行确认；
- (2) Report it to the school management immediately, and promptly notify the emergency management members to rush to the scene to give instructions as soon as possible;  
立即上报学校管理层，并及时通知各应急管理成员尽快赶到现场进行指挥；
- (3) After arriving at the scene, set up an on-site emergency leadership team based on the requirements of the school's emergency organizational structure, and make corresponding on-site emergency treatment measures based on the state of the accident and hazard procedures:

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到现场后成立根据学校应急组织架构要求设置现场应急领导小组，根据事故的状态及危害程序做出相应的现场应急处理措施：

- Urge people who have occurred pollution accidents or other emergency response organizations to take immediate measures to reduce or eliminate pollution or damage to prevent further harm;

督促发生污染事故的人或其它应急响应组织立即采取减轻或消除污染或破坏的措施，防止危害进一步扩大；
- Notify laboratories, areas and individuals that may be harmed or affected in a timely manner, and evacuate the surrounding people if necessary to avoid further death or environmental impact;

及时通知可能受到危害或影响的实验室、区域和个人，必要时疏散周围群众，避免人身死亡或环境的进一步影响；
- After completing the on-site treatment, the emergency team shall, according to their respective responsibilities, under the command of the head of the on-site emergency leadership group, form different investigation teams according to the type of accident to conduct on-site investigation;

完成现场处理后，应急小组应按照各自的职责在现场应急领导小组总指挥的指挥下，按事故类别组成不同的调查小组进行现场调查；
- After the accident is controlled, the preliminary investigation report should be completed as soon as possible and reported to the relevant departments according to regulations;

事故得到控制后，要尽快完成初步调查报告并按规定报送有关部门；
- Collective research by the leading group, according to the comprehensive investigation of environmental accidents, in accordance with relevant laws and regulations to determine the amount of compensation and administrative punishment accident report;

由领导小组集体研究，根据环境事故的全面调查情况，按照有关法律法规形成确定赔偿金额和进行行政处罚事故处理报告；
- Regarding the hazard or damage caused or possibly caused, the school management instructs to inform the relevant local people's government of the time, place, type and pollution hazard of the accident in a timely manner.

对造成或可能造成的危害或损害事故，学校管理层指示及时向受到或可能受到事故危害或损害的有关地方人民政府通报事故发生的时间、地点、类型和造成的污染危害。

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### 5.3. External reporting process for environmental accidents 环境事故外部上报流程

- (1) All ordinary or larger environmental pollution and damage accidents are confirmed by the District Ecological Environment Bureau;  
凡属一般或较大环境污染与破坏事故，均由区生态环境局确认；
- (2) All major or extraordinary environmental pollution and damage accidents shall be confirmed by the ecological environment department at or above the municipal level;  
凡属重大或特大环境污染与破坏事故，由市级以上生态环境部门确认；
- (3) Reports of major or extraordinary environmental pollution and damage accidents are divided into three categories: quick report, confirmatory report and report of treatment results;  
重大或特大环境污染与破坏事故的报告分为速报、确报和处理结果报告三类：

#### Quick report 速报：

Reported within 48 hours after the accident. Quick reports can be sent by phone or telegram. If necessary, direct reports should be sent.

从事故发生后起，48小时上报，速报可通过电话、电报，必要时应派人直接报告；

The breaking news includes:

速报的内容包括：

- Types of environmental pollution and damage accidents,  
环境污染与破坏事故的类型、
- Time of occurrence,  
发生时间、
- Leak location,  
泄露地点、
- Sphere of influence,  
影响范围、
- The main source of pollutants,  
污染源主要污染物质、
- Amount of economic loss,  
经济损失数额、
- Personnel damage and other preliminary information.

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人员受害情况等初步情况。

#### Confirmatory report 确报：

After checking the relevant situation, immediately report it to the school EHS, school emergency response team and school management, which can be reported by phone, WeChat or written;

在查清有关情况后，立即上报校EHS、学校应急响应小组和学校管理层，可通过电话、微信或书面报告；

On the basis of the quick report, report basic information about the exact data, the cause, process of the accident, and emergency measures taken.

在速报的基础上报告有关确切数据，事故发生的原因、过程及采取的应急措施等基本情况。

#### Report of treatment results 处理结果报告：

Report the incident immediately after the incident is handled, and use a written report;

在事故处理完后立即上报，采用书面报告；

On the basis of confirming the report, report the measures, processes and consequences of handling the accident, the potential or indirect social impact of the accident, the remaining problems after the treatment, the relevant departments and work contents participating in the processing, and produce certification documents with hazards and losses. And so on.

在确报的基础上，报告处理事故的措施、过程和后果，事故潜在或间接的危害社会影响，处理后的遗留问题，参加处理工作的有关部门和工作内容，出具有关危害与损失的证明文件等详细情况。

## 6.0 Annex 附件

None 无