Information Pack 2

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1. Conference Program

Water is Life June 30 – July 6, 2024

	Sun June 30	Mon July 1	Tues July 2	Wed July 3	Thurs July 4	Fri July 5	Sat July 6
8:00 am		Breakfast & transit					
8:30 am							
9:00 am		Opening Ceremony Keynote1 Panel Discussion	Keynote 2	Keynote 3	Poster Presentations	Model UN Part 2	
9:30 am							
10:00 am			**Presentations** Communities, Education, Stewardship & Policy	**Presentations** Engineering & Technology Biodiversity			
10:30 am						Plenary Session	
11:00 am							
11:30 am							
12:00 pm		Lunch	Lunch	Lunch	Lunch	Lunch	
1:00 pm	Arrival of schools at YYJ or ferries. Pick up of school delegations and transportation to UVic.	Downtown Orienteering (Canada Day)	Out Trips: Choice of options	Model UN Part 1	Out Trips: Choice of options	Closing Ceremony & Awards Presentation	Departure of schools from UVic to Swartz Bay Ferry Terminal or YYJ.
1:30 pm							
2:00 pm				Out trip: Ocean Networks Canada			
2:30 pm						Preparation Time	
3:00 pm						International Afternoon	
3:30 pm							
4:00 pm							
5:00 pm		Dinner	Dinner	Dinner	Dinner	Dinner	
6:00 pm							
7:00 pm		Evening activity: Icebreaker games at UVic	Evening Activity: Documentary Screening	Evening Activity: Visit to UVic Astronomy Telescope	Evening Activity: Walk to Mt. Tolmie	Beach Evening at Cadboro Bay/Gyro Park	
8:00 pm							

2. Options for Conference Out Trips

The conference will include 'out trips' on Tuesday and Thursday afternoons to explore the Greater Victoria area and some of our water resources. You will be asked to select among the following five options:

Whale and Wildlife Watching Tour
This is a 3.5-4 hour boat tour to explore the waters surrounding Victoria, an area known as the Salish Sea. Wildlife that can often be seen around Victoria includes our Southern resident killer whales, as well as dolphins and porpoises, seals and sea lions, river otters and sea otters and many species of marine birds. The tour will be provided by Eagle Wing Tours and will include a naturalist who will be our guide to the marine ecosystems of the Salish Sea. This out trip will involve an additional cost of approximately $150/person. Space may be limited by boat capacity. The boat tour will leave from downtown Victoria and transportation from Oak Bay High School and to University of Victoria will be by public bus.

Capital Regional District Watershed Tour
This is a 4-5 hour tour of the watershed that provides Victoria's drinking water. During the tour you'll discover the natural landscapes, water supply reservoirs, and the treatment process that provide Greater Victoria with high quality tap water. The tour will likely visit Sooke Lake Reservoir, the surrounding forests, Rithet Creek (the main tributary to Sooke Lake Reservoir), water supply facilities and the treatment process that ensures clean drinking water to Victoria. Transportation during the tour will be by school bus, which will depart from Oak Bay High School and return to the University of Victoria after the tour.

East Sooke Park Hike
This trip will be a 4-5 hour visit (including transportation) of East Sooke Park, a wilderness park located on the west coast of Vancouver Island, approximately 1 hour west of Victoria. East Sooke Park provides access to the exposed rocky coastline characteristic of the west coast of Vancouver Island and amazing views of the Juan de Fuca strait. From the rocky headlands you might see bald eagles, great blue herons, kelp forests, river otters, and even sometimes whales or other marine mammals. The trip will include a 5 km (approximately 1.5 hour) hike from Aylard Farm to Beechey head, along the coast past and through the forest. Good shoes (hiking boots or runners) are strongly recommended! Along the way we will pass a set of petroglyphs drawn onto the rocks by the area indigenous people, the T'Sou-ke Nation. We will also have some time to explore or relax on the sandy beach at Aylard Farm. Transportation from Oak Bay High and returning to University of Victoria will be provided by school bus.

Goldstream Park Hike
This trip will be a 4 hour visit to Goldstream Provincial Park, a wilderness park located about 30 minutes north of Victoria. Goldstream Park includes typical old growth coastal temperate rainforest, with giant redcedar and Douglas fir trees, as well as a small river that supports a chum salmon run. The trip will include a short, steep hike (1.6 km, 400 m elevation gain) to the top of Mt. Finlayson, which provides amazing views of the whole Victoria area. Good shoes (hiking boots or running shoes) are required and be prepared to use your hands on a couple of very steep sections! We will also do a nature walk along the river to learn about native plants and the ecology of coastal temperate rainforests. Transportation from Oak Bay High and returning to University of Victoria will be provided by school bus.

Royal British Columbia Museum

This trip will be a self-guided tour of the Royal BC Museum. The Royal BC Museum includes permanent exhibits on the history and natural history of British Columbia, as well as traveling exhibits from all over the world. Conference organizers will provide a scavenger hunt for the British Columbia natural history galleries, and groups will have additional time to explore other galleries as desired. The Royal BC Museum is located in downtown Victoria, and transportation between the museum and Oak Bay High and University of Victoria will be by public bus.

3. Pre-registered Schools

The Bishop Strachan School	Canada
High School Attached to Wuhan University	China
Chengdu No.7 High School	China
Vordingborg Gymnasium & HF	Denmark
Dillmann-Gymnasium	Germany
Leo Baeck Education Center	Israel
Shibuya Senior High School	Japan
Shibuya Makuhari Senior and Junior High School	Japan
Maurick College	Netherlands
d'Oultremont College	Netherlands
Odulphuslyceum	Netherlands
Raffles Institution	Singapore
Mare de Deu del Carme School	Spain
Mahidol Wittayanusorn School (MWIT)	Thailand
Saint Stephens Episcopal School	USA
Arundel School	Zimbabwe
Detroit Country Day School	USA

4. Timeline

October 20, 2023	Delivery of Information Pack (2)
Oct 20 to Nov 20, 2023	Full registration
January 31, 2024	Deadline for abstracts
February 15, 2024	Publication of abstracts on the Website
February 15, 2024	Delivery of Information Pack (3)
April 30,2024	Deadline for the research report Release of Updated Schedule Payment due
May 1, 2024	Delivery of Information Pack (4)

	Information about accommodation at University of Victoria
June 29, 2024	Arrival of participants from abroad
June 30 – July 6	Water is Life 2024
July 7, 2024	Departure of participants from abroad

5. Full Registration Procedure

Full registration starts on October 20, 2023, and ends on November 20, 2023. The conference fee is $600 CAD per person. The registration procedure is per team, with details to be provided in the Full Registration Form. We would like you to provide us with the particulars of the team, each student and accompanying teacher(s). For the conference, each school is able to bring up to 8 students (maximum 4 students per team) and up to 2 accompanying teachers / chaperones.

6.   Frequently Asked Questions

1.   What does the conference registration fee cover?

Conference registration fee of **$600 CAD per person** includes accommodation from the night of Sunday June 30, 2024 to Friday July 5, 2024. Groups may check into accommodation after 3:00 pm on Sunday June 30, and must leave the accommodation by 11:00 am Saturday July 6. Registration also covers all meals from breakfast on Monday July 1 to dinner on Friday July 5, as well as all conference activities, sessions and out trips, including transportation, with the exception of the optional whale watching out trip on Tuesday or Thursday. Groups wishing to participate in the whale watching out trip will be charged an additional fee of about $150 per person. The conference registration will also include a conference t-shirt, which students will be asked to wear on all out trips.

2.   How will the conferences out trips be selected?

During the conference registration, you will be asked to rank the 5 offered out trips (whale and wildlife watching, watershed tour, East Sooke Park, Goldstream Park or Royal BC Museum) in order of preference. Schools will be assigned to out trips based on preference and availability. Availability of some trips will be limited by boat or bus capacity. We will endeavor to give each school two of their top three choices. Schools will be assigned to one out trip on Tuesday afternoon and one out trip on Thursday afternoon. We ask that all students and teachers from a school attend the same out trip to aid us with logistics and assist us with supervision of students.

3. **What are the accommodation arrangements for student participants?**

All participants will stay in student accommodation at the University of Victoria. Students will either share a double room with another student (most likely) or possibly have a single room. Rooms are approximately 10 m^2 and include linens. A shared bathroom will be available near all rooms.

4. **What about the accommodations for accompanying teachers?**

All participants will stay in student accommodation at the University of Victoria. Each teacher will have a single room near the rooms of their students. Rooms are approximately 10 m^2 and include linens. A shared bathroom will be available near all rooms.

5. **How far is the University of Victoria from Oak Bay High School?**

The University of Victoria (accommodation, breakfast and dinner, evening activities) is approximately 4 km from Oak Bay High School (daytime conference sessions). There are regular city buses that travel between the two conference locations, taking 15-20 minutes. Bus passes for the length of the conference (Monday - Friday) will be provided to all participants as a part of the registration fee.

6. **The conference is from June 30th to July 6th. When and where should participants arrive and leave?**

Conference participants should plan to arrive in Victoria on Sunday June 30, 2024. Shuttle transportation will be provided between the ferry terminal or airport and the conference accommodations at the University of Victoria. Groups will be able to check in to accommodation after 3:00 pm on Sunday June 30. The conference will finish on the evening of Friday July 5, and accommodation is included for that night. Participants should plan to leave Victoria on Saturday July 6. Accommodation check out is at 11:00 am and shuttle service to the airport or ferry terminal will be provided.

7. **How will the participants be grouped during the conference?**

For accommodation purposes, students will be grouped in a set of rooms with their team and accompanying teacher. Single-sex teams will be placed in rooms on single-sex floors or sections and mix-sexed teams will be placed on mix-sexed floors or sections. Teachers will have the responsibility of assigning students to rooms within your team(s).

During the conference activities, students will be grouped in different ways. For some activities (presentations, out trips) students will be grouped with their team, and with other teams that have selected similar activities. For other activities, students will be

grouped with a diversity of students from different teams and schools in order to make connections with other students from around the world.

8. **What is 'International Afternoon'?**

"International Afternoon" is a valuable and enjoyable occasion to celebrate the cultural diversity and to enrich the cultural experience of the conference. There will be cultural sharing of foods and performances such as songs and dances presented by the participants themselves. We hope schools can uphold this tradition and show some items related to their own culture. Be proud of your country and show the rest of the teams what you are proud of!

9. **Do all the programs take place in Victoria?**

Yes, all the programs take place in the greater Victoria area (also called the Capital Regional District). Several of the out-trip options include visits to wilderness areas outside the cities, but all within an approximate two-hour drive (bus transportation for out trips will be provided).

10. **Is there a program for the accompanying teachers?**

There will be a teacher coffee and networking opportunity on the morning of Friday July 5. Otherwise, during conference presentations at Oak Bay High School, there is no set program for accompanying teachers although teachers are encouraged to participate in conference sessions with students. Teachers are asked to please accompany their students on out trips and on any evening activities to assist with supervision, and to experience Victoria! Teachers will be solely responsible for the supervision of their students overnight, during breakfast, dinner and after evening activities, as well as during transportation to and from the University of Victoria.

11. **Do we need to have a visa issued?**

To travel to Canada, citizens of most countries require either an Electronic Travel Authorization or a visa. Please see the following link: [Entry Requirements by Country or Territory](#) to check the requirements for your home country. Citizens of the USA do not need an Electronic Travel Authorization or visa, but must travel with a valid US passport.

12. **Do participating schools have to send one teacher for each team?**

Participating schools do not need to send one teacher for each team, one teacher can be sent to supervise multiple teams. Teachers will be solely responsible for supervising their students overnight, during breakfast, dinner, and after evening activities, as well as during transportation between the University of Victoria and Oak Bay High School. Teachers are

also asked to assist the conference organizers with supervising students during all out trips and evening activities.

13. How long should the abstract be?

Participating teams can write up to 200 words. If the abstract is longer than that, we will have to return it to the team and ask them to shorten it. No pictures, please.

14. Where can we find examples of the research papers presented at past in-person conferences and the recent virtual conference?

The link for the **Water is Life Schools website**, https://waterislifeschools.com/, contains links to research papers from:

- 2016 conference hosted by Maurick College
- 2018 conference hosted by Shibuya Kyoiku Gakuen
- 2020 un-conference hosted by Saint Stephens Episcopal High School
- 2022 virtual conference hosted by Maurick College and Raffles Institution

15. What is the sizing information of the conference t-shirts?

5000 - GILDAN® Heavy Cotton™ T-Shirt

GARMENT MEASUREMENTS

Size	S	M	L	XL	2XL	3XL	4XL	5XL
Chest - *Half Measure*	18"	20"	22"	24"	26"	28"	30"	32"
Chest - *Full Measure*	36"	40"	44"	48"	52"	56"	60"	64"
Body Length from HPS	28"	29"	30"	31"	32"	33"	34"	35"
Sleeve Length-CB	15 5/8"	17"	18 1/2"	20"	21 1/2"	22 7/8"	24 1/4"	25 3/8"

Finished measurements in inches. Refer to "How to Measure" guide for detailed information on measurement instructions.

ADULT General Sizing Guide

Size	S	M	L	XL	2XL	3XL	4XL	5XL
Chest	34"-36"	38"-40"	42"-44"	46"-48"	50"-52"	54"-55"	56"-57"	58"-61"
Waist	29"-32"	32"-35"	35"-38"	38"-41"	41"-44"	44"-47"	47"-50"	50"-53"
Sleeve Length-CB	32"-33 1/2"	34"-35"	35"-36"	36"-37"	37"-38"	38"-39"	38 1/2"-39"	39"-39 1/2"

7.   Financial Information

The conference fee for the 2024 Water is Life Conference at Oak Bay High School in Victoria, British Columbia, Canada is $600 CAD per person. The conference fee payment can be made through School District 61 (Greater Victoria) online payment website School Cash Online.

https://sd61.schoolcashonline.com/Fee/Details/49345/140/False/True

What Is SchoolCash Online?

SchoolCash Online is an easy to use and safe way to pay for the conference fees.

Guest checkout

To purchase the items added to your cart, **select** <u>Continue as a guest</u>.

You'll be *redirected to the Payment Method page.*

Note: Credit Card is the only payment method available for guest checkouts. Guest checkout is not available for item purchases or donations affiliated with school boards that do not accept credit card payments.

Select <u>MasterCard or Visa</u>.

Enter your <u>credit card information</u> and **select** <u>Continue</u>.

Enter your <u>billing address</u> and **select** <u>Continue</u>.

You'll be *redirected to the Purchaser Information page.*

Enter the <u>required Purchaser Information</u> and **select** <u>Continue</u>.

You'll be *redirected to the Review Your Order Page*.

Finalize your order by **selecting** <u>Complete Your Order.</u>

You'll be *redirected to the Thank You For Your Order Page.*

Select <u>Print Receipt.</u>

SchoolCash Online's security protocols

Our top priority is to keep your personal information safe. SchoolCash Online representatives will only contact you to validate your account information if it is warranted.

Note: SchoolCash Online does not share any of your personal information with any third party. We do not store your credit card information on our web server, any of our computers, or other devices.

Our website is certified as compliant with the Payment Card Industry Data Security Standard, which provides an actionable framework for developing a robust payment card data security process, including prevention, detection, and appropriate reaction to security incidents.

KEV Group and our partners must comply with PIPEDA, PCI, Payments Canada, ACH and NACHA rules, by-laws, and standards for processing credit card, Interac Online & eCheck payments. KEV Group monitors its performance through a set of disciplined internal performance management policies, procedures & controls. To ensure that our organization is up-to-date with industry guidelines, KEV Group undergoes SOC 2 audits on a yearly basis.

Appendix I   Project Information.

Conference themes & research project codes

A. Environmental Sustainability (ES)
Climate change effects, water quality treatment & monitoring, wastewater management bioremediation, ecosystems, biodiversity

B. Communities and Social Sustainability (CSS)
Community involvement projects, water & recreation, climate change mitigation, corporate social responsibility, awareness & advocacy

C. Stewardship, Policy, and Economic Sustainability (PS)
Leadership, national strategies, economic analysis, green financing of water infrastructure, history and geopolitics of water, water conflicts, marine protected areas

D. Technology & Engineering for Sustainability (TES)
Renewable energy, integrated urban water designs, water technology.

Project Format:

1. Abstract
Projects & research results are presented through 200-word abstracts. Abstracts will be categorized by way of project codes. We will include a list of categorized abstracts in Information Pack 3.

2. Reports
Each team will write a report based on the Scientific Report Template. See **Appendix II**. Final date of delivery is April 30, 2024. Send your final report to: waterislifeschools@gmail.com

3. Poster
Each team will create a poster of their research results, which will be presented on Thursday July 4th during the Poster Presentation session. The standard poster format is an A0-size (841 x 1189 mm) poster that highlights research results. Posters should also include a summary of the significance of the problem, the methods and the conclusions. Note that posters must be printed before arriving at the conference. In addition to expert input, students will also be invited to vote for the best poster presentations.

4. Oral Presentations
Teams will present their research results in a 15-minute oral presentation (12-minute presentation plus 3 minutes for questions) in concurrent sessions before a judging panel on July 2nd or July 3rd. The INTEL ISEF standard will be used as a framework for projects, workshops, judging criteria etc.

Judging
There will be an official prize awarding ceremony on July 5th, 2024. Research papers and oral presentations will be judged by a team of experts including educational, industry and outside representatives.

Judging Criteria in Research Papers & Presentations

Category: Science and Technology (ES and TES)	
1. Scientific Thought	・ Clarity of aims and hypothesis, ・ Scientific validity of experimental design, ・ Appropriateness of experimental design for investigating the hypothesis or aim, ・ Repeatability of experiment, ・ Synthesis of ideas from extensive review of scientific literature and the results obtained.
2. Analysis and Evaluation	・ Usage / awareness of multiple approaches in solving the research question, ・ Ability to analyse and draw valid inferences from information or data, ・ Critical assessment of methodology and results or product for flaws, limitations and future directions.
3. Methodology	・ Degree of understanding of the principles behind the methods used, ・ Ability to troubleshoot and competency in experimental procedures, ・ Extent of personal involvement and contribution from students.
4. Creative Ability	・ Novelty of research topic, ・ Originality of experimental design, approach and analysis or interpretation of data.
5. Presentation of information (Clarity, Delivery and Poise)	・ Ability to highlight important points, ・ Ability to present data in appropriate format, ・ Proper citation and acknowledgement of references, ・ Smoothness of presentation, confidence and clarity of presenter and level of engagement with audience, ・ Rigor and depth of replies to questions.

Judging Criteria in Research Papers & Presentations

Category: Communities and Leadership (CSS and PS)	
1. Significance and Originality of Research Problem	・ Significance of research, ・ Novelty of research and amount of contribution to existing knowledge base, ・ Clarity of objectives.
2. Background Research	・ Credibility and sufficiency of background research, ・ Extent of evidence provided to support ideas, ・ Competency in harnessing resources for information.
3. Methodology	・ Appropriateness of methodology for investigating the problem, ・ Competency in applying methods.
4. Analysis and Evaluation	・ Ability to analyse and draw valid inferences from information or data, ・ Critical assessment of methodology and results or product for flaws, limitations and future directions.
5. Presentation of information (Clarity, Delivery and Poise)	・ Ability to highlight important points, ・ Ability to present data in appropriate format, ・ Proper citation and acknowledgement of references, ・ Smoothness of presentation, confidence and clarity of presenter and level of engagement with audience, ・ Rigor and depth of replies to questions.

Appendix II   Research Paper Layout

(Please refer to the following four pages for details.)

The Project Title

Team name

School name

Country

Full names of the team members

E-mail of the accompanying teacher

Before you start writing your paper, first read the following instructions regarding manuscript preparations in order to have a uniform layout throughout the proceedings.

Your manuscript file should be in PDF format,

1. Basic formatting instructions

1.1 Page layout

The page size must be standard **A4** (210 mm wide and 297 mm high). MS Word users should choose the correct printer setting by clicking on printer options, paper size. Then, under MS Word, click on file, page layout, and size. Units should be set in centimeters (one inch equals 2.54 cm). To do so under MS Word, click on "Tools", then "Options", then "General.

Do not insert page numbers!

All four margins (left, right, top and bottom) must be set to 1.5 cm. To do so under MS Word, click on file, page layout, margins.

The text should be written in two columns, 1 cm apart from each other, and 8.5 cm wide. Exceptions may occur when writing long equations or inserting wide graphs or pictures.

The whole text should be typed using the Times New Roman font, with a size as specified in Table 1.

1.2 Paragraph formatting

The body of the paper (style **Normal** in MS Word) should be left-aligned and not i ndented. 10 pt font should be used. A vertical spacing of 4 pt should be inserted between paragraphs.

1.3 Sections, subsections

Both levels of sections (**Heading 1-2** styles in MS Word) should be left-aligned. The vertical spacing before and after section marks is given in Table 1.

1.4 Tables

Tables should be centered in the column (or page, if the size of the table makes it necessary), followed by a 9 pt font caption placed **above** the table. They should be separated from the text by a 12 pt spacing.

Table 1: Paragraph formats

Paragraph style	Font size	Spacing		
		above	below	align
Title	14 pt	0 pt	12 pt	center
Authors	12 pt	0 pt	0 pt	center
Address	10 pt, Italic	4 pt	0 pt	center
Heading 1	14 pt	21 pt	12 pt	left
Heading 2	13 pt	12 pt	12 pt	left
Normal	10 pt	4 pt	0 pt	justified
Reference Heading	14 pt	21 pt	12 pt	left

1.5 Figures

Figures should be centered in the column using a 9 pt font. (or page, if the size of the figure makes it necessary), followed by a caption, as shown in Fig.1. They should be placed **below** the figure.

Figure 1: Your figure here.

1.6 Equations

Equations should be centered and identified by a number

Refer to equation number 1 as Eq.(1).

Please use the International System of Units.

1.7 Citations

Citation in the text should be given by numbers enclosed in bracket [1], in the order that appears in the text. Multiple citations should be written together, separated by commas [1, 2] or [1-5] for citations that contain more than 3 references.

[1] Doyle, Arthur Conan (1893). The Original illustrated 'Strand' Sherlock Holmes (1989 ed.). Ware, England: Wordsworth. pp. 354–355

[2] Rowling, J.K. (1997). Harry Potter and the Philosopher's Stone. Bloomsbury. pp. 109–113

2. Content of the Research Paper

2.1 Abstract: The abstract should be inserted at the beginning of the research paper. (maximum: 200 words).

2.2 Keywords: Choose a maximum of 5 key words.

2.3 The purpose of the research

2.4 Method of the research (in comparison with known methods): Please clearly explain your own contribution to the research

2.5 Results of the experiment/ research

2.6 Conclusion: Please include recommendations for future works that can be done.

2.7 Acknowledgements

2.8 References: Please use the style **Reference heading**.