

***Water is Life* conference The Netherlands**

Information Pack 3

Introduction

Dear supporters of *Water is Life*,

With Information Pack 3 we officially launch the subscription and publicity campaign for *Water is Life* conference in the Netherlands between June 5-11, 2016.

Water is Life will be organised by Maurick College The Netherlands and Raffles Institution in Singapore.

News

The enthusiasm for the *Water is Life* conference is growing each and every day. We are delighted by all very positive reactions and we are proud to be able to host so many schools in the 2016 edition of this event. And we are looking forward to all your research-results!

Our main jury-team from the 2014 edition of *Water is Life* has been extended. Next to Prof. V. Babovic, Prof. K. Irvine and Prof. G. Kowach, a new approach from The Netherlands, Prof W. Uijttewaal from TU Delft, will join the keynote- and jury-team in 2016.

Both organising schools, Maurick College and Raffles Institution, will also support future editions of this event in a “cycle”, once per two years from now on, as agreed in Singapore, early October 2015.

The 2018 edition of *Water is Life* will be held in Melbourne.



Meeting in Singapore October 1, 2015.

From left to right: Mr Huub v.d Linden (director Maurick College), Mrs Theresa Lai (International Relations Raffles Institution) , Mr Chan Poh Meng (director Raffles Institution) and Mr Hubert Schilling (International Relations Maurick College).

Information Pack 3

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1 Conference Program, concept

Water is Life		June 5 - 11, 2016										
	June 4	June 5	June 6	June 7	June 8	June 9	June 10	June 11				
location			Vught	Maurick College	Delft/Zeeland	A'dam & Waterlinie	Maurick College					
8:00	Arrival Overseas Delegations, pick up at Schiphol Airport. Briefing by student hosts. Arrival Keynote Speakers	Arrival European Delegations, pick up at Schiphol Airport. Briefing by student hosts. Arrival Keynote Speakers		Parallel Sessions	Depart Excursion Day	Depart Excursion Day		Departure European & Overseas Delegations, transportation to Schiphol Airport				
8:30				Open door "Walkin"	Keynote 1				Poster Stand Install			
9:00				Theater Speeldoos	Presentations	Excursion Day in parallel sessions: University Delft and Zeeland Delta	Excursion Day Amsterdam & Boatour Waterlinie					
9:30				Film & Dialogue Session						Project Fair		
10:00												
10:30												
11:00												
11:30					Leaving for				Keynote 2			
12:00					Ijzeren Man				Presentations			
12:30									Lunch at school			Lunch at school
13:00					Start Ice Breaking Act				Keynote 3			
13:30					Ijzeren Man				Prresentations			Workshops
14:00												Workshops
14:30												Workshops
15:00									keynote 4			Workshops
15:30									presentations			Workshops
16:00												
16:30												
17:00					End Ice Breaking Act							Prize Ceremony
17:30					BBQ Ijzeren Man				End of Activities			Dinner & Party
18:00									Prepare Poster			Cultural Evening
18:30									Presentations			loc Strandpaviljoen
19:00								BBQ ?	Ijzeren Man			
19:30			End of Activities	End of Activities								
20:00			Family Hosting	Family Hosting	End of Activities							
20:30					Family Hosting							
21:00												
21:30												
22:00												
22:30												

2. Pre-subscription Schoollist November 2015

Maurick College	The Netherlands
Odulphus Lyceum	The Netherlands
d'Oultremontcollege	The Netherlands
Raffles Institute	Singapore
Collegi Mare de Deu del Carmen	Spain
Vordingborg Gymnasium	Denmark
Sir Karl Popper Schule Wiedner Gymnasium	Austria
Gymnasium Rheindahlen	Germany
Kopernik Lyceum	Poland
Liceo Scientifico Carlo Cattaneo	Italy
John Monash Science School	Australia
Oak Bay Senior Highschool	Canada
William Aberhart Highschool	Canada
Eisbjerghus Efterskole	Denmark
Dillmann Gymnasium	Germany
The Dalton School	USA
Jesuit Association Spain/J23	Spain
Makuhari Senior Highschool	Japan
Shibuya Senior Highschool	Japan
Temasek Junior College	Singapore
Mahidol Wittayamusam School	Thailand
Scotch College	Australia
Langkaer Gymnasium	Denmark
Gymnasium Alsdorf	Germany
Simavi Wash Ghana	Ghana
Kimberley Girls Highschool	South Africa
Woodhill College	South Africa
St Andrews College	South Africa
Mahattan College for Science and Mathematics	USA
Detroit Country Day School	USA
Arundel School	Zimbabwe
Montgomery Bell	USA
Wynberg Boys High School	South Africa
Institution St Joseph	France
River Valley Highschool	Singapore
Surya University/CYS	Indonesia

3. Formal Subscription Procedure

Formal subscription via our website is open starting November 16, 2016.

You have received login codes for pre-registration earlier. Use the same login codes for the subscription procedure via our website www.waterislife2016.com

The subscription procedure is per school- per team. Each team is connected to an Abstract Research Title. We ask you for students' and teachers' details. The number of teams, students and teachers is limited to the number being registered during pre-registration.

The subscription details are mentioned below:

Students' details:

Abstract Research Title

Surname/Family Name

First name

Date of birth (field in international format)

Gender (drop down M/F)

Nationality (drop down list)

Mobile phone

E-mail

Dietary Requirements

Medical Information & Allergies

T-shirt size (S/M/L/XL)

Teachers' details:

Abstract Research Title

Surname/Family Name

First name

Gender (drop down M/F)

Date of birth (field in international format)

Nationality (drop down list)

Subject of teaching

Mobile Phone

E-mail

Dietary Requirements:

Medical Information & Allergies

T-shirt size (S/M/L/XL)

Formal subscription will end by the end of January 2016.

4. Start of publicity campaign with Toolbox Facility

The login facility for schools on the website of *Water is Life* gives them extra options to deal with publicity-aspects right now, and a bit later: a facility to communicate with other schools about their research- project as well as your own in a so called “Toolbox Facility”.

Publicity Campaign.

The Toolbox, available on the private part of the website *Water is Life*, offers standard advertisements for your own publicity campaign. During the preparations of the conference, the conference itself and after the conference, standard layouts for publicity will be added to the Toolbox.

In the Toolbox, you’ll also find the campaign logo. The logo is a “collage” of Moodboard photos with reference to the different research projects of all the schools. You can use this logo for your own publicity purposes.

Other important issues in the publicity campaign are:

- Each conference covers a thematic scope: The 2016 edition of *Water is Life* covers “**The Local Approach**”,
- Students are involved in the co-organisation during the conference,
- Delegates representing the local government and the local water-authorities as well as international speakers take part in the conference during “Dialogue Session” and in keynote sessions,
- The water research activities have a multidisciplinary approach,
- Research activities, workshops and judging criteria for projects are INTEL ISEF based,

Communication facility in Toolbox.

A communication facility for schools about their projects will be installed in the Toolbox on December 1 , 2015.

Just write about the progress in your own research work, or add a comment to the work of other schools. Add pictures and “chat” with each other like you are used to do in other ‘social media’. For those schools which are in “progressive” research, we’ll add the same facility in future editions of *Water is Life*.

5. Frequently Asked Questions (FAQs)

1. What does the conference registration fee cover?

The conference registration fee will cover airport transportation (Schiphol Airport), accommodation in family homes, meals, transportation and excursions within the conference programme. Participating schools will have to bear the cost of the airfare and any other expenses outside of the conference programme. Participants are encouraged to purchase travel insurance and to bring some spare cash for additional food or shopping.

Students:

Accommodation includes 6 nights from the night of Sunday 5th June to the night of Saturday 11th June, 2016 in family homes. Check-out is on Saturday 11th June, by 12pm.

Overseas delegations are encouraged to arrive one day earlier, June 4, 2016.

Teachers:

Teachers don't pay a registration fee, but they have to cover their own accommodation expenses and meals that are not included in the program. An attractive accommodation package including breakfast is offered by Hotel v.d. Valk in Vught. (see <https://www.hotelvught.nl/en>)

2. The conference is from 5th to 11th June 2016. When should we arrive in and depart from Amsterdam? Will airport transfer be provided to transport the participants to and from Schiphol International Airport?

You should plan to arrive on Sunday, 5th June 2016. (Overseas delegations 4th June 2016) Please inform us of your flight details as soon as you have booked your flights. We will make arrangements on 4th June 2016 and 5th of June 2016 and for 11th of June for free airport (Schiphol Airport) transfer to your accommodation.

The conference programme will officially end at 21:30pm on Friday 10th June. You should plan to depart on Saturday, 11th June. Check-out time is 12pm, and similarly, transport will be provided to bring groups to Schiphol airport on the recommended day of departure (11th June).

Please note that you will need to arrange your own accommodation and transport, if you decide to come earlier or depart later than the recommended dates.

3. What is the dress code for conference participants?

Student participants will be required to wear their own formal school uniform on the first day of the conference to attend the opening ceremony, plenary and dialogue session and during the closing ceremony/prize awards.

A conference T-shirt will be given to all the participants and they would be required to wear it on the excursions days (Wednesday and Thursday). As for the rest of the days of the conference, student participants may wear a T-shirt and jeans/pants. Female participants may also choose to wear skirts of decent length.

A list of suggested items to bring will be sent to you later, including advice on clothing to prepare.

4. How will the participants be grouped during the conference?

To facilitate a meaningful cultural exchange during the conference, participants will be divided into groups in this way that every participant of one group will come from a different school. We will also try to have a balanced number of male and female participants in every group.

5. What is 'Cultural Night' as stated in the conference programme?

"Cultural Night" is an activity to celebrate the cultural diversity and to enrich the cultural experience of the conference. There will be food and cultural 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!

6. What is "The Delft University experience' as stated in the programme ?

The Dutch water story is closely related to the water-history of The Netherlands, where "dijken" and delta-work constructions are part of the landscape all over the country to protect the country from flooding. The University of Delft will offer the students a half-day introduction programme to meet with these water-challenges by way of a dedicated program with practical sessions. In the other "part of the day", students will visit Zeeland (water district in the Netherlands) with a guided tour in the Delta Works area.

7. What are the accommodation arrangements for participants?

Students will stay in family homes that are located close to the Maurick College school-complex. Families are connected to Maurick College with their child(children) as "hosting Maurick students". Foreign students will be guided by their hosting students during their stay.

The families will provide for sleeping-accommodation, breakfast, meals (outside the conference program) and transportation to & from school.

In many cases foreign students will be asked to go to school by bike with their hosting student. A bike will be available in this case. Helmets will be provided on request.

Most of the Dutch homes have excellent Internet facilities.

In case of students with special needs/diet, the hosting family will be informed and will be asked to anticipate on that.

8. What are the available facilities in the hotel for teachers (Hotel vd Valk in Vught)?

We recommend teachers to stay in Hotel van der Valk in Vught. Information about Hotel v.d. Valk can be found on: <https://www.hotelvught.nl/en>

9. Is there a programme for the teacher participants?

There will be a limited teachers' programme specially planned for the accompanying teachers in separate sessions. Teachers join the main students' programme in most of the cases.

10. How about having a foreign VISA for The Netherlands. Is it necessary?

There is a list of non visa countries for visitors to the Netherlands mentioned on: <http://www.ind.nl>

Please make sure what kind of official papers you need to enter The Netherlands.

In case that you/your students need a VISA for The Netherlands, just make sure that you start applying as soon as possible.

In case you need a letter of recommendation or information about lodging addresses for your students, please let us know.

Please feel free to contact our person-in-charge Hubert Schilling (h.schilling@maurickcollege.nl) if you have further queries.

6. Financial Information

The registration fee for the conference is **€ 280 per student**. Teachers/coaches don't pay a registration fee but they will pay for their own accommodation based on hotel/BB for the full week. See "Teacher Accommodation Package".

The conference registration fee will cover airport transportation, accommodation, meals, excursions and transportation within the conference programme.

Please make your payment via international bank wire to:

Account name: OMO inzake Maurick College

Account address: Titus Brandsmalaan 1, 5262 BS Vught

Account number: IBAN: NL62 RABO 0184509041
(please note that the red part of the account number consists of numbers only)

Bank name: RABO Bank.

Please indicate the name of your school, the number of team members and that you are making your payment for the international water conference *Water is Life 2016*.

Please keep in mind that all bank charges should be done by your school.

The amount must be transferred in Euros.

Deadline for payment of conference-fees is 30th March 2016.

Teacher's Accommodation Package.

Teachers are offered to stay in Hotel van der Valk in Vught (<https://www.hotelvught.nl/en>) The price per night is E 105,- (single room) and E 115,- (double room) including breakfast. Free WIFI available. The hotel is conveniently located within a biking distance from the school. Bikes will be provided on request.

You are requested to make hotel bookings on your own. Please indicate with your booking that you are part of the *Water is Life* package.

Appendix I Project Information.

Conference Themes & research project codes.

- **(ET)** Engineering and Technology
Water quality, treatment, monitoring, waste water management.
- **(BD)** Biodiversity
Bio-remediation, ecosystems, biodiversity
- **(WC)** Communities
Service learning, community involvement projects, water & recreation, integrated urban-water designs
- **(WE)** Education
Corporate social responsibility, awareness & advocacy
- **(WP)** Stewardship & Policy
Leadership, national strategies, historical and geopolitics of water, economical perspectives and water conflicts

Projects & research efforts are defined by way of Abstracts. Abstracts will be categorized by way of project codes. A list of categorized Abstracts will be produced in Information Pack 4. Research teams are encouraged to integrate ET/BD projects with aspects from WC, WE and WP.

Each team will produce a report based on the Scientific Report Template. See Appendix II. Final date of delivery: April 15, 2016. Send your final report to: h.schilling@maurickcollege.nl

Each team will present their research-efforts in a 15 minute-oral presentation in parallel sessions before a judging panel on Tuesday June 7, 2016.

Each team will also produce a “poster” of their research-efforts in a standard format. The poster will be presented on June 10 during the “Project Fair”. The standard poster-format description is also part of Information Pack 4.

Selected teams are invited to present their research-efforts in workshops on Friday (afternoon) on June 10. The selection of these teams will be announced in Information Pack 4. The INTEL ISEF standard will be used as a framework for projects, workshops, judging criteria etc.

There will be an official prize-ceremony on Friday June 10, 2016. Judging will be coordinated by a team of judges representing the organising schools, the jury-panel and student-representatives.

A selection of research reports will be published by World Scientific in a research-book which will be issued after the conference.

JUDGING CRITERIA FOR ORAL & POSTER PRESENTATIONS

Category: Science and Technology

Project codes: ‘ET’ and ‘WB’

Judging Criteria

1. Scientific Thought

Considerations

- Clarity of aims and hypothesis,
- Scientific validity of experimental design,
- Appropriateness of experimental design for investigating the hypothesis or aim(s),
- Logical conclusions drawn from results,
- Synthesis of ideas from extensive review of scientific literature and the results obtained.

2. Thoroughness

- Usage / awareness of multiple approaches in solving the research question,
- Repeatability of experiment,
- Awareness of limitations and future directions.

3. Skills

- 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 student.

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.

Category Communities and Leadership

Project codes: 'WC', 'WE and 'WP'

Judging Criteria

Considerations

1. Significance and Originality of Research Problem/ Issue

- 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. Methods

- Appropriateness of methodology for investigating the issue/ problem,
- Competency in applying methods.

4. Data Processing, Analysis and Evaluation

- Ability to analyse and draw valid inferences from information or data,
- Critical assessment of methodology and results or product for flaws and limitations.

5. Presentation of information (Clarity, Delivery and Poise)

- Ability to highlight important points,
- Structured organization of data or information in a proper presentation using tables, graphs or figures,
- Comprehensiveness of project in reflecting the scope of the research problem or issue,
- 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

Scientific Report Template (see next page)

The Project Title

FirstName1 LastName1, FirstName2 LastName2

Some Institute, Country, Corresponding Email of teacher ic

Abstract

Your abstract should be inserted here (max 200 words).

Keywords

keyword1, keyword2, keyword3 (max of 5 keywords)

1 Introduction

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

Your manuscript file should be in PDF format,

2 Basic formatting instructions

2.1 Page layout

The page size must be standard **A4** (210 mm wide and 297 mm high). MS Word users should first declare so to the printer connected to their computer 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 Table1.

2.2 Paragraph formatting

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

2.3 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.

2.4 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	12pt	0 pt	0 pt	center
Address	10pt, 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

2.5 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.

2.6 Equations

Equations should be centered and identified by a number, as following:

$$\lim_{x \rightarrow a} \frac{1}{(x-a)^2} = +\infty \quad (1)$$

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

Please use the International System of Units.

3 Content

3.1 The purpose of the investigation

3.2 Method of the investigation (in comparison with known methods)

Please clearly explain your own contribution to the investigation.

3.3 Results of the experiment

4 Conclusion

Thank you for following these instructions. It will be good to conclude with some recommendations of future works that can be done.

Acknowledgements

References

The reference section should not be numbered (please use the style **Reference heading**).

Quotes in the text should be given by numbers enclosed in bracket [1], in the order that appears in the text.

Multiple quotes should be written together, separated by commas [1, 2] or [1-5] for quotes 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.

Appendix III

Water is Life The Netherlands.

Resume Deadlines / Important Dates.

Action	Who	Deadline / Date
Start formal subscription	school	November 16, 2015
Start Toolbox communication implementation (by way of website)	webteam	December 1, 2015
Closing date formal subscription (subscription by way of website)	school	January 31, 2016
Deadline final conference program	organisation	March 1, 2016
Deadline Information Pack 4	organisation	March 31, 2016
Deadline conference-fee payment	school	March 31, 2016
Deadline research-report delivery	school	April 15, 2016