



WELCOME TO SHANGHAI
*Enhance the Harmony between
Dredging and Ecology*

2019 *Shanghai* WODCON XXII

WORLD DREDGING CONGRESS
FIRST ANNOUNCEMENT
CALL FOR PAPERS

Enhance the Harmony between Dredging and Ecology



WODCON XXII THE 22nd WORLD DREDGING CONGRESS

In order to promote the technical innovation and sustainable development of the dredging industry, as well as to enhance the communication and cooperation among the world dredging families, commissioned by the World Organization of Dredging Associations (WODA), China Dredging Association (CHIDA) and Eastern Dredging Association (EADA) will organize the 22nd World Dredging Congress to be held from 25-29 April 2019, in Shanghai, China.

As the world's top summit on dredging held every three years, it will bring together the world's industry experts and elites to discuss the prospect of the harmonious development between dredging and ecology, and comprehensively display the whole continuously innovating dredging industry image since the new century, devoted to making greater contributions to global ecological culture construction.

To this end, all members of the World Organization of Dredging Associations (WODA) and China Dredging Association (CHIDA) are sincerely invited to attend this industry summit. The experts, scholars and engineer representatives of public authorities, related institutes, manufacturers, consultants and contractors are sincerely invited to participate at this conference. The relevant enterprises from all over the world are invited to demonstrate the advanced products, technologies and services in this high-profile stage in the dredging and marine engineering industry.

If you would like to attend this conference, you are welcome to contact us, and please register on time. For the information and changes of this conference, please pay attention to the further notice on the 22nd World Dredging Congress (WODCON XXII) website of China Dredging Association (CHIDA).

I CONFERENCE FEATURES

1. Showcase the achievements of major dredging projects in China and the world in recent years, as well as the innovations of dredging technology and equipment.
2. Discuss the trends of dredging sustainable development and major technical innovation.
3. Visit the world's largest automated dock-Yangshan Deepwater Port, the Yangtze River Estuary deep waterway management project, the world's largest National Engineering Research Center of Dredging Technology and Equipment, and China dredging achievements exhibition.
4. Promote "Belt and Road" and the international dredging industry cooperation.
5. Display the latest technologies and products of global dredging industry.

WORLD DREDGING CONGRESS
WODCON XXII
2019. Shanghai



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Enhance the Harmony between Dredging and Ecology

II CONGRESS THEME AND SUGGESTED TOPICS FOR PAPERS

Congress theme: Enhance the Harmony between Dredging and Ecology

For the theme, this congress will set up the following three main forums:

- Ecological dredging makes the world a better place
- Towards the new era of intelligent dredging
- Sustainable dredging and marine economic development

In addition, this congress will also focus on the following topics:

- Prediction of sustainable dredging strategy
- Environment and ecology assessments of dredging project, Risk control and Process dynamic management
- More environmental and efficient dredging and reclamation technology
- Construction technology, process and method of dredging projects
- Water environment and ecological management and restoration, and dredged material resourcization
- Design and manufacture of green and efficient dredging and ocean engineering equipment
- Intelligent Dredging and Information Technology
- Experiences or cases of construction, technology innovation and management of major projects
- International Engineering Guidelines, Legislations, Standards and Contract Management

We are pleased to make the First Call for Papers. The Congress Organizing Committee and the Technical Papers Committee will review all the papers, decide the papers which will be published, and select the excellent papers from them.

III INFORMATION FOR PAPER AUTHORS

1. The papers must be original and should not have been published or offered for publication elsewhere. Purely promotional text will not be accepted. The Technical Papers Committee reserves the rights to accept, retain and publish the submitted papers. Authors must assign all copyrights of the submitted papers to WODA.
2. Prospective Authors are requested to submit a 300-500 word abstract of their paper by 10 April 2018 to the authorized organizers of dredging associations in their respective regions. The submission must include the name (including the co-author), affiliations, complete mailing address, zip code, telephone number and email contact address of the author.
3. The Technical Papers Committee will assess the abstracts. Authors will be informed not later than 15 May 2018 of acceptance of their abstracts and will receive a notification which will include instructions for the preparation of the full technical paper, conference registration form and the copyright transfer form.
4. Draft Manuscripts having a text of 3000-5000 words with a total length no longer than 20 pages including figures and pictures together with the copyright transfer form must reach the authorized organizers of dredging associations in their respective regions before 31 August 2018.
5. Reviewer comments will be sent to the first of corresponding authors before 20 October 2018. The review comments are the following: 1. Acceptance, 2. Declined or 3. conditional acceptance with major revision.
6. For the papers required to change greatly, the final full papers must be submitted to the recipient of each dredging association by 5 November 2018.

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7. The Technical Papers Committee will review and finalize the revised final full papers by 20 November 2018 to determine whether to accept the revised papers. The acceptance comments will be sent to the first of corresponding authors before 25 November 2018.
8. The authors whose papers were accepted by the conference should attend the conference to publish papers, otherwise the congress reserves the right not to publish the paper. Participants are required to submit the registration form to the recipient of each dredging association (Authorized Organizers) by 31 November 2018.
9. The authorized organizers of dredging associations in their respective regions should gather the final full technical papers, copyright transfer forms as well as the authors' registration forms, and send them to China Dredging Association (CHIDA) by email before 15 December, 2018.
10. Registration fees for all authors should be paid to China Dredging Association (CHIDA). The authors can enjoy preferential price if registration fees are paid before 20 January 2019. For more information, please pay attention to the second announcement of the conference.
11. Authors in China can provide the abstract, draft manuscript in Chinese, but must provide the final full papers both in English and Chinese. The Authors outside China need to provide the abstract, draft manuscript and final full papers in English.
12. For the author instructions, please refer to attachment 1.

IV PLEASE SUBMIT PAPERS TO THE FOLLOWING:

- Papers from CHIDA Region:
China Dredging Association (CHIDA)

Contact: Guo Enze

Tel: +86-010-53693612, +86 18612590726

Email: chida2018@163.com

Contact: Zhou Bin

Tel: +86-010-53693612, +86 15573124800

Email: chida2018@163.com

- Papers from EADA Region:
Eastern Dredging Association (EADA)

Contact: John Dobson

Email: dobsoncj@hotmail.com

- Papers from WEDA (North, Central and South America) Region:
Western Dredging Association (WEDA)

Contact: Robert C. Ramsdell

Email: info@WesternDredging.org

- Papers from CEDA Region (Europe, Africa and Middle East):

Please submit the abstracts online, and the website is: <https://tinyurl.com/WODCON-Abstract>

Please submit the draft manuscripts and final full papers to

Contact: Sylvia Minten

Email: sylvia@mintenprojectmanagement.nl

V OFFICIAL LANGUAGE

Official language used for WODCON XXII is **English**.

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VI THE ORGANIZATION OF THE CONGRESS

• The Congress Committee

Chairman:

Dato' Capt. David Padman

Chairman of WODA/EADA

Executive Chairman:

Wang Haihuai

Vice-president of China Communications Construction Co., Ltd
Chairman of CHIDA

Members:

Polite Laboyrie

Marcel Hermans

Capt K Subramaniam

Zhou Jingbo

Chairman of CEDA

Chairman of WEDA

Secretary General of EADA

Chairman of Board of CCCC Dredging(Group)Co.,Ltd

Executive vice president of CHIDA

• The Organizing Committee

Director:

Wang Haihuai

Vice-president of China Communications Construction Co., Ltd
Chairman of CHIDA

Executive Vice Directors:

Zhou Jingbo

Chairman of Board of CCCC Dredging(Group)Co.,Ltd

Executive vice president of CHIDA

Xu Changrong

President of CCCC Dredging (Group) Co., Ltd

Vice Director:

Hou Xiaoming

Chairman of Board of CCCC Shanghai Dredging Co., Ltd

Director of technical expert committee

Capt K Subramaniam

Qian Xianguo

Secretary-General of EADA

Secretary-General of CHIDA

Members:

John Dobson

Huo Shengyong

Zhong Wenwei

Wang Bohuan

Ge Xinxing

Lin Yichong

Sui Shouxin

Zhu Lianyu

Zhang Qingbo

Treasurer of EADA

General Manager of CCCC Shanghai Dredging Co.,Ltd

Chairman of Board of CCCC Tianjin Dredging Co.,Ltd

Chairman of Board of CCCC Guangzhou Dredging Co.,Ltd

Yangtze River Channel Bureau Organizing Team Leader

Chairman of Board of China Harbour Engineering Company

General Manager of PowerChina Harbour Co.,Ltd

Chairman of Board of Shanghai Zhenhua Heavy Industries Co.,Ltd

General manager of Dredging National Engineering Research Center

Secretary General of Technical Expert Committee

Executive vice director:

Gu Yong

Chief Engineer of CCCC Shanghai Dredging Co., Ltd

• Technical Paper Committee

Honorary Director:

Wang Jingquan

Academician of Chinese Academy of Engineering

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Director:

John Dobson

EADA Treasurer (Preside over the paper review work, mainly responsible for EADA non-Chinese regional papers review and recommendation)

Executive vice director:

Hou Xiaoming

Chairman of Board of CCCC Shanghai Dredging Co., Ltd/ Director of Technical Expert Committee of CHIDA (Specifically responsible for coordinating conference papers recommendation, review and excellence selection, mainly responsible for China's papers review and recommendation)

Vice Directors:

Cees van Rhee

Professor of Delft University of Technology (Responsible for papers review and recommendation of CEDA)

Robert C. Ramsdell

Great Lakes Dredge & Dock Company
(Responsible for papers review and recommendation of WEDA)

Secretary-General:

Zhang Qingbo

Secretary-General of Technical Experts Committee of CHIDA

(The following members are mainly responsible for reviewing and recommending Chinese papers, and will participate in the conference paper excellence selection)

Qian Xianguo

Tian Junfeng

Secretary-General of CHIDA

Deputy General Manager of the Technology Department of China Communications Construction Co., Ltd

Yuan Shouqi

Jiang Changbo

Ni Fusheng

Yu Menghong

Yang Qi

Liu Shudong

Gu Ming

Gu Yong

Cao Xiangbo

Deng Yong

Hu Baoan

Party secretary of Jiangsu University

Deputy President of Changsha University of Science and Technology

Director of Hohai University

Vice president of Jiangsu University of Science and Technology

Associate Dean of Shanghai Jiao Tong University

Vice President of CCCC Dredging (Group)Co., Ltd

Chief Engineer of CCCC Tianjin Dredging Co., Ltd

Chief Engineer of CCCC Shanghai Dredging Co., Ltd

Vice General Manager of CCCC Guangzhou Dredging Co., Ltd

Vice Director of Changjiang River Administration of Navigational Affairs, MOT

Director of the Environmental Technology Center in CCCC Tianjin Dredging Co., Ltd

VII REGISTRATION

Interested international delegates are welcome to contact the China Dredging Association (CHIDA). Alternatively, interested international delegates can also approach CHIDA through EADA, CEDA or WEDA in your region. For further detailed arrangement for the conference, please pay attention to the notice of the Congress Organizing Committee.

VIII CONTACT CHIDA

International Contact: Du Meng

Tel: +86 13917324376

International Contact: Zhang Lu

Tel: +86-021-68466679-2441, +86 15800833306

China Contact: Guo Enze

Tel: +86-010-53693612, +86 18612590726

Fax: +86-010-64475626

Email: chida2018@163.com

Registration Contact: Chen Haijie

Tel: +86-010-53699680, +86 13716872016

Fax: +86-010-64475626

Email: chida2018@163.com

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Attachment 1

WORLD DREDGING CONGRESS XXII

AUTHOR INSTRUCTIONS

Please prepare and submit the manuscript according to this author instructions.

1. Submission Proceedings and Schedule

Date	Proceedings	Specific Requirements
10 April, 2018	Submit the abstract.	The submission must include the name (including the co-author), affiliations, complete mailing address, zip code, telephone number and email contact address of the author.
15 May, 2018	The Technical Paper Committee will determine the acceptance of abstracts.	Authors will be informed of acceptance of their abstracts and will receive a notification which will include instructions for the preparation of the full technical paper, conference registration form and the copyright transfer form.
31 August, 2018	Submit the draft manuscript.	The draft manuscripts must meet the requirements of the congress paper format. The copyright transfer form must be submitted at the same time.
20 October, 2018	Reviewer comments will be sent to the authors.	The review comments are the following: 1. Acceptance, 2. Declined or 3. conditional acceptance with major revision.
5 November, 2018	For the papers required to change greatly, the final full papers must be submitted.	Papers must be in accordance with the congress papers format.
20 November, 2018	The Technical Papers Committee will review and finalize the revised final full papers.	Determine whether to accept the revised papers.
25 November, 2018	The review comments of revised papers will be sent.	The acceptance comments will be sent to the first of corresponding authors.
31 November, 2018	Submit the registration form.	Participants are required to submit the registration form to the recipient of each dredging association (Authorized Organizers).
15 December, 2018	The authorized organizers of dredging associations in their respective regions should gather the final full papers and give them to China Dredging Association (CHIDA).	In addition to final full papers, the submission includes copyright transfer forms and the authors' registration forms.
20 January, 2019	The authors can enjoy preferential price if registration fees are paid before this date.	Registration fees for all authors should be paid to China Dredging Association (CHIDA).
25 April, 2019	The conference will be held.	

2. Paper Receivers (Authorized organizers of regional dredging associations)

Please submit the manuscripts in Adobe Portable Document (pdf) format as an attachment by email or website to person below in the author's region (CHIDA, EADA, CEDA or WEDA):

CHIDA (China)	EADA (Asia, Austral-Asia, Pacific except for China)	CEDA (Africa, Europe and Middle-East)	WEDA (Americas)
Guo Enze Tel:86-010-53693612 Email: zgsjxh2013@163.com	Mr. John Dobson Email: dobsoncj@hotmail.com	Please submit the abstracts online, and the website is: https://tinyurl.com/WODCON-Abstract Please submit the draft manuscripts and final full papers in Word to: Sylvia Minten Email: sylvia@mintenprojectmanagement.nl	Robert C. Ramsdell Email: info@WesternDredging.org

3. General

3.1 Authors are to obtain all necessary approvals for publication from employers or others involved, before submission of the paper.

3.2 Submission of a manuscript implies that it is not under consideration for publication elsewhere and that original, previously unpublished work is being presented. **The manuscript is to be free from evident commercialism or private interest.**

3.3 **Copyright will be the property of the World Organization of Dredging Associations (WODA), and the author will also transfer the copyright to WODA.** But the author will be granted permission to reprint the manuscript and third party requests will be passed on to the authors.

3.4 The manuscripts should be concise. **Draft Manuscripts should have a text of 3000-5000 words with a total length no longer than 20 pages including figures and pictures**

3.5 The conference proceedings will be published in two forms: hard copy and electronic copy. The proceedings will be in color. The manuscript provided by the authors must be an Adobe portable document file.

3.6 Authors in China need to provide the abstract, draft manuscript and final full papers both in English and Chinese. The Authors outside China need to provide the abstract, draft manuscript and final full papers in English.

3.7 **Please give the manuscript instructions to the person responsible for the preparation of the manuscript.**

4. Manuscript Preparation

4.1 Order of contents

Page 1

Title

Author (s), author affiliations, addresses, countries, phone, and email are to be included in footnote (s)

Abstract (not to exceed 500 words).

Keywords (list five keywords that are not already in the title.)

Introduction

Page 2 & onwards

Continue **Introduction** and following **text, conclusions, nomenclature** (if necessary), and **references**.

4.2 Preparation of the text

The text should be formatted for 216 mm x 279 mm (8½ in x 11 in) paper with **single line spacing**, and 2.54 cm (1 inch) margins. Double-space between paragraphs. Use full justification. Do not indent the first line of the paragraph.

The image area or block of text will then be 165.1 mm (6.5 in) x 228.6 mm (9.0 in). Do not leave additional margins. **Do not use company letterhead or logos. Do not wrap text around figures or tables.**

4.3 Fonts

Please use the Times New Roman font and the 10-point font size. Do not use headers or footers or draw a frame around your text. The title of your paper should be in 12-point font size and all capital letters.

A template (WODCON XXII example template for authors.doc) containing the proper formatting is attached, please refer to Attachment 2.

4.4 Headings

Headings should be typed in bold capital letters centered and followed by a double space. Bold capitals and lower case letters should be used for subheadings, which should be preceded and followed by a double space as illustrated by these instructions. Sub-subheadings should use bold and italicized capital and lower case letters, which should be preceded and followed by a double space. Sub-subheadings are also illustrated in the instructions.

4.5 Equations, Symbols, and Units

All symbols must be defined in the text immediately following the symbols first use. If extensive use of symbols is necessary, then the symbols should be defined in a nomenclature section that follows the conclusions. The International System of Units (SI) must be used. If units other than SI units are included, they should be given in parenthesis after the relevant SI unit. For example, the pipe diameter is 0.61 m (24 in). Equations should be indented and successively numbered (in parenthesis) flush with the right-hand margin (see example below). (Tabs are already set in the sample template.)

$$y = a + b + cx^2 \quad (1)$$

4.6 References

References in the text should be given as Smith (2011), (Smith 2011) or (Jones et al. 2014). References should be listed **alphabetically** in the References section at the end of the paper. Give the last name and initials of all authors, followed by the year of publication in parentheses, the title of the article and publication, and the publisher. References to conference papers or proceedings should include the name of the organizers. References to articles published in journals should also include the name of the journal, the number of the issue and page numbers (see example below). References to publications in a foreign language should give all details in the original language followed by a translation of the title. The list of references is to be single spaced with a line space separating each reference as shown in the example below.

Hunt, J.B. (1995). *Environmental Dredging*. New York: Smith & Son, Inc.

Jones, F., Doe, A., Hart, E.J.E., and Next, J.P.J. (1995). "The design of dredged material disposal sites." *Proceedings XIVth World Dredging Congress 1995*, CEDA, Amsterdam, The Netherlands, 350-368.

White, F.K. and Jones, J.M. (2001). "The analysis of flow fields around dragheads." *Journal of Waterway, Port, Coastal and Ocean Engineering*, 121(5), ASCE, 1-16.

4.7 Citation

The citation is how a person would reference the author's paper and is located at the end of the manuscript. An example citation is shown below.

Doe, R.E., Wang Xxxxxx, X.Y., and Jones, T.B. "Title title title," Proceedings of the Twenty- Second World Dredging Congress, WODCON XXII, Shanghai, CHINA, April 25-29, 2019.

4.8 Page Numbers

Do not include page numbers in the electronic manuscript.

4.9 Figures and Tables

High quality figures and tables should be numbered and incorporated into the body of the text. Color is encouraged for figures and tables. Place figures and tables in the body of the paper as close as possible to the paragraph where

they are first mentioned. Figures and tables must not be placed at the end of the paper. Figures and tables must not be wrapped into the text.

Photographs should be scanned and placed as a figure with an appropriate title. Color photographs are encouraged.

Figure captions should be centered below the figure and table captions must be centered above the table. Both figure and table captions must be typed in bold.

4.10 Line Drawings

The lines and lettering on the figures should be clearly legible. All line drawings must be accomplished using electronic software and inserted electronically as a figure.

5. Enquiries

Please direct all enquires of the format and submission to the responsible contact of the regional dredging association.

WORLD DREDGING CONGRESS

WODCON XXII

Shanghai, China

April 25 –29, 2019

SPEAKER INFORMATION FORM

The Speaker Information Form will be given to the session moderators for the purpose of introducing the speakers presenting papers at WODCON XXII. Speakers are requested to submit this form electronically as a separate MS Word or Adobe file along with their final manuscript.

Name: Dr. Mr. Ms. _____

Title

First

Middle Initial

Last

Paper Title: _____

Position Title: _____

Company Name: _____

Is the first author and speaker a college student at a university?

Yes

No

Is one of the authors of the paper under the age of 35?

Yes

No

Please provide a short biographical information paragraph (50-100 words) in the space below that can be used by the session moderator as an introduction.

TITLE TITLE EXAMPLE TEMPLATE EXAMPLE TEMPLATE TITLE TITLE TITLE TITLE TITLE TITLE TITLE TITLE

R.E. Doe¹, Wang Xxxxx ² and T.B. Jones³

ABSTRACT

All papers should have an abstract that includes brief background, major objective, methods and major results. All paragraphs should be justified as illustrated. The length of the abstract should be limited to approximately 400 words.

Keywords: Dredging, beneficial uses, Environmental dredging, Ecological dredging.

INTRODUCTION

The text should be single-spaced. The text is to be typed in 10 point using the font Times New Roman. Text text text text text text. Text is justified. SI units must be used. Text text text text text text text text text text text text text text text text text.

Sub Heading

Text text text text text text text. All papers should have a Summary or Conclusions section. All references should be listed in alphabetical order in the Reference section.

$$y = a + b + cx^2 \quad (1)$$

Text text.

Sub-Sub Heading

Text text as shown in Figure 1.

¹ Engineer, XYZ Company, 1215 North Street, Cleveland, Ohio 61456, USA, T: 216-456-5896, Email: redoe@xxxxx.com.

² Position Title, Company Name, Address, City, State, Postal Code, Country, telephone, email.

³ Position Title, Company Name, Address, City, State, Postal Code, Country, telephone, email.

[illegible]

Hunt, J.B. (2011). *Environmental Dredging*. New York: Smith & Son, Inc.

Jones, F., Doe, A., Hart, E.J.E., and Next, J.P.J. (1995). "The design of dredged material disposal sites." *Proceedings XIVth World Dredging Congress 1995*, CEDA, Amsterdam, The Netherlands, 350-368.

White, F.K. and Jones, J.M. (2014). "The analysis of flow fields around dragheads." *Journal of Waterway, Port, Coastal and Ocean Engineering*, 121 (5), ASCE, 1-16.

倪福生, 韩玉红, 顾磊, 蒋爽(2010). “管道水力输送水平弯局部阻力实验研究” *Experiment research on the local losses of bends in the hydraulic transport pipeline* 2010, 中国疏浚协会, 第十九届世界疏浚大会论文集, 中国, 363-369.

Doe, R.E., Wang Xxxxxx, X.Y., and Jones, T.B. "Title title title," Proceedings of the Twenty- Second World Dredging Congress, WODCON XXII, Shanghai, CHINA, April 25-29, 2019.

倪福生,韩玉红,顾磊,蒋爽(2010). “管道水力输送水平弯局部阻力实验研究” *Experiment research on the local losses of bends in the hydraulic transport pipeline 2010*,中国疏浚协会,第十九届世界疏浚大会论文集,中国,363-369.

[illegible]

All symbols should be defined in the text where the symbol is first mentioned. It is up to the author to determine if the use of symbols in the manuscript warrants a nomenclature table. If necessary, insert a two column table and list symbol and units in one column and the definition in the second column.