# OVERSEAS CHINESE ENVIRONMENTAL ENGINEERS AND SCIENTISTS ASSOCIATION (OCEESA) REPORT

## December 2014

OCEESA Report Number: OCEESA/JL-2014/31D1

2014 OCEESA Directory

Dr. Yung-Tse Hung Permanent Executive Director, OCEESA



# 海外華人環境保護學會

OVERSEAS CHINESE ENVIRONMENTAL ENGINEERS & SCIENTISTS ASSOCIATION A CHAPTER OF CIE/USA

ISSN 1072-7248 (OCEESA Journal)

# REPORT DOCUMENTATION PAGE

Form Approved OMB No. 0704-0188

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1. REPORT DATE (DE	D-MM-YYYY)	2. REPORT TYPE		3. D	ATES COVERED (From - To)	
4. TITLE AND SUBTITLE				5a.	CONTRACT NUMBER	
				5b.	GRANT NUMBER	
				5c.	PROGRAM ELEMENT NUMBER	
6. AUTHOR(S)				5d.	PROJECT NUMBER	
				5e. '	TASK NUMBER	
				5f. \	NORK UNIT NUMBER	
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES)					ERFORMING ORGANIZATION REPORT UMBER	
9. SPONSORING / MONITORING AGENCY NAME(S) AND ADDRESS			S(ES)	10.	SPONSOR/MONITOR'S ACRONYM(S)	
					SPONSOR/MONITOR'S REPORT NUMBER(S)	
12. DISTRIBUTION / AVAILABILITY STATEMENT						
13. SUPPLEMENTAR	V NOTES					
13. SOLI ELMENTAN	INOILS					
14. ABSTRACT						
15. SUBJECT TERMS						
16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT	18. NUMBER OF PAGES	19a. NAME OF RESPONSIBLE PERSON	
a. REPORT	b. ABSTRACT	c. THIS PAGE			19b. TELEPHONE NUMBER (include area code)	

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## OCEESA Journal (ISSN 1072-7248)

published by Overseas Chinese Environmental Engineers and Scientists Association, Chinese Institute of Engineers, CIE/USA

洪永哲

Some old issues of OCEESA Journal have been deposited in NTIS (National Technical Information Service), US Department of Commerce.

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EX: 18,19, 04 SP: 1804, 1901, 1401, 0403, 0413

## CONSTITUTION AND BY-LAWS OF OVERSEAS CHINESE ENVIRONMENTAL ENGINEERS & SCIENTISTS ASSOCIATION

(5 November 2000 Edition)

#### **VISION**

To be a leading resource for fostering global sustainable development, for advancing quality of life and for protecting the environment.

## **MISSION**

To form alliance with other organizations and environmental professionals to:

- · Promote state-of-the-art environmental science, technology and management
- · Promote opportunities for professional development for members
- · Improve greater China environment
- · Advocate sustainable environmental policy

## **CONSTITUTION**

#### **ARTICLE I: NAME**

The name of this association shall be "Overseas Chinese Environmental Engineers & Scientists Association", hereinafter referred to as "OCEESA".

## **ARTICLE II: PURPOSE**

The objectives of OCEESA shall be:

- 1. To enhance the advancement of environmental science, technology, and management
- 2. To provide education, training, and information exchange for members and other environmental professionals
- 3. To establish data base for environmental resources
- 4. To assist sustainable environmental trade and business
- 5. To promote informed environment policy and decision making

## ARTICLE III: COMPOSITION OF THE ASSOCIATION

The Association shall be composed of members who in turn may be members of its Chapters,

Divisions and/or local Sections. It shall have officers and staff as are necessary to effectuate its purposes.

## **ARTICLE IV: MEMBERSHIP**

Section 1. OCEESA membership shall include regular members, student members, affiliate members, corporate members, honorary members, and life members OCEESA.

Section 2. An Admission Committee shall consist of members of the Executive Council of the Association. This Committee shall admit all new regular and life members, student members, affiliate members, and corporation members and non-resident members. The Committee will also review all honorary member applications and sends the applications to the Board of Directors for approval.

Section 3. Regular members of OCEESA shall be those of Chinese descent who are interested in and supportive of the objectives of the Association, and who are working in environmental engineering and science, and other related professions. Regular members are entitled to all membership privileges. Officers shall be elected among those regular members who are citizens or permanent residents of countries outside of China and Taiwan.

Section 4. Student members shall be students of Chinese descent studying and actively doing research in environmental engineering and science and other related fields at an institution of higher education. Student members shall have voting privileges and shall receive the OCEESA Journal.

Section 5. Affiliate members shall be those, who are not eligible for membership of regular members and student members but who are interested in and supportive of the objectives of OCEESA. An affiliate member shall not vote on OCEESA matters or hold an office of OCEESA; otherwise an affiliate member shall be entitled to all other membership privileges.

Section 6. Any firm, association, corporation, or institution or subdivision thereof desiring to support the objectives and programs of OCEESA may become a corporate member of OCEESA. A corporate member shall be entitled to all membership privileges except voting and being elected as an officer.

Section 7. Honorary members shall be those who are not OCEESA members but has made significant contributions in the improvement of the environment such as, but not limited to environmental engineering, environmental science, humanity, and the growth and development of OCEESA. Honorary members are entitled to all membership privileges except voting and being elected as officers. Honorary members are nominated by OCEESA members and approved by the Board of Directors.

Section 8. Life members shall be those who has paid one lump sum of \$250.00 of membership dues at the time of membership application or any time as a regular paying member. Life members are entitled to all membership privileges.

Section 9. All regular members, student members, affiliate members, corporate members, shall pay dues as described in the By-Laws.

Section 10. Voting privileges shall be limited to members in good standing and as described in Article IV with each member having one vote.

## **ARTICLE V: OFFICERS**

Section 1. The officers of OCEESA shall be a President, a Vice President, a Secretary/Treasurer, Directors and Executive Director. The officers, except the Executive Director, shall be elected by the members according to procedures described by the By-Laws. The officers shall make up the Executive Council of the Association, chaired by the President of the Association. Retiring President shall be the ex-officio member of the Executive Council following his/her retirement, for a term of one year beginning January 1 of the year.

Section 2. The duties of officers of CCEESA are listed below:

- 1. The President shall be the chief officer of OCEESA, shall have general authority for active management of the business of OCEESA and shall see that all resolutions of the Association are put into effect. The term of presidency shall be one year beginning January 1 of the year.
- 2. The Vice President, in the absence of the President, performs the duties and exercises the power of the President. The Vice President shall be the President-Elect of OCEESA. The term for Vice President shall be one year beginning January 1 of the year.
- 3. Under the direction of the President, the Secretary/Treasurer shall be responsible for all official correspondence, admission, finances of OCEESA, shall keep all official files and documents, and shall perform such other duties assigned by the President. The term of the Secretary/Treasurer shall be one year beginning January 1 of the year.
- 4. The Directors shall be responsible for assisting the President in implementing resolutions, obtaining manuscripts and news items for OCEESA Journal, and nominating candidates for OCEESA officers. The term of the Director shall be two years beginning January 1 of the year. There shall be three (3) Directors elected every year. Total number of Directors shall be six (6) plus the number of local chapter presidents.
- 5. The Executive Director/Editor-in-Chief of OCEESA Journal is appointed by the President. The terms and conditions for the appointment of new executive director/editor-in-chief of OCEESA Journal shall be set by the President at the time of the appointment. The Executive Director is responsible of the operation of OCEESA headquarters office including publishing of OCEESA Journal and OCEESA Directory, maintenance of OCEESA Directory and Website, receiving membership dues, filing annual tax return, and processing OCEESA Best Paper Awards competition and other publicity events.

Section 3. No officer of OCEESA may serve more than one term of the same office.

## **ARTICLE VI: COMMITTEES**

Section-1. The President shall appoint, as necessary, advisors, chairman and/or members of standing and ad hoc committees on matters such as admission, nomination, publicity, international affairs, and other operations of the programs of OCEESA.

Section 2. Officers of OCEESA may make recommendations to the President for the selection of chairmen and members of subcommittees on matters related to their duties and responsibilities of their offices. The President shall approve or reject the recommendations.

#### **ARTICLE VII: MEETINGS**

Section 1. General membership meeting: OCEESA shall hold annual meetings and such other meetings as are necessary to carry out its objectives. The time and place of all meetings shall be selected by the Executive Council as proposed in the By-Laws, and notices thereof shall be sent by the Secretary to each member of OCEESA or shall be published in the OCEESA Journal at least two weeks prior to the date of said meeting.

Section 2. Board meetings: The Board of Directors shall meet at least once a year through telecommunication, video conferencing or physical meeting, at a date to be determined by the Board of Directors. A majority of the Board membership shall constitute a quorum. Special Board meeting can be held at the request of the President or majority of the Board members.

Section 3. At any meeting of OCEESA, 30% of paid member participation shall constitute a quorum.

Section 4. Executive Council meeting: The President shall call Executive Council meetings on a pre-established schedule to conduct association business.

## **ARTICLE VIII: LOCAL CHAPTERS**

Section 1. Upon the request of not fewer than 10 members of OCEESA residing within the area defined in their request, the Executive Council may establish a Local Chapter.

Section 2. Local Chapters shall be governed by the Constitution, By-Laws, Rule, and Policies established by the Executive Council of the Association.

Section 3. A Memorandum of Understanding (MOU) shall be established between the OCESSA Executive Council and the local Chapters.

### **ARTICLE IX. POLICIES**

OCEESA will operate in a non-political, non-partisan, and non-sectarian manner.

Section 1. In the event of dissolution of OCEESA, the Executive Council shall, with the approval of the two-thirds majority of the membership, after paying debts, distribute the remaining assets

to any of the organizations with like purposes or to organizations formed and operated exclusively for literary, and educational purposes as shall, at that time, qualify as exempt organizations under Section 501 (c) (3) of the Internal Revenue Code of 1954, or under any section amendatory thereof, supplemental thereto, or substituted therefor. Any such dissolution shall be accomplished pursuant to the laws of the State of Ohio where the OCEESA headquarter is.

## **ARTICLE XI: BY LAWS**

The Executive Council shall make such By-Laws not in conflict with this Constitution as may be necessary for the proper government of the Association. Such By-Laws shall require the approval of the membership by a majority vote.

## ARTICLE XII: AMENDMENTS

Section 1. The Constitution and By-Laws may be amended, altered, or repealed at annual meetings of the general membership with quorum by a two-thirds majority of those members present and voting, provided that no amendment is contrary to the provisions set forth in Section 501 (c) (3) of the Internal Revenue Code of 1954, and provided that prior written notice of the proposed changes has been given in the notice of said meeting not less than 30 days prior to the annual meeting of the general membership. The request for the proposed changes with written endorsement of at least ten per cent (10%) of the general membership shall be filed with the Secretary of OCEESA not less than 45 days before the date of said meeting.

Section 2. The Constitution and By-Laws may be amended, altered or repealed, for all practical purposes, may be subject to ratification by majority of membership at large. The procedure of conducting this ratification shall be determined by the Executive Council.

## **BY-LAWS**

## **BY-LAW 1. MEMBERSHIP DUES**

Section 1. The membership year shall be from January 1 to December 31, inclusive.

Section 2. Unless revised by the Executive Council, the dues for various classification of membership are determined by the Executive Council. Presently, the dues are as follows:

Regular Member: \$ 25.00 annually Student Member: \$ 15.00 annually Affiliate Member: \$ 25.00 annually Corporate Member: \$100.00 annually

Life Member: \$250 (one time) Honorary Member: Free

## **Honorary Member Nomination Procedure and Selection Criteria**

- 1. Nomination procedure:
- a. A Nomination letter highlighting the significant achievement of the nominee should be submitted to the OCEESA President. The letter has to be signed by at least three OCEESA members in good standing.
- b. One page biography of the nominee should be attached with the nomination letter.
- c. Nomination material should reach the OCEESA president by August 1 each year and the selection process should be completed within 120 days. The results will be announced on the following year's 1st issue of OCEESA Journal.
- d. Election to Honorary Membership shall be at the Board meeting or by mail with secret ballet vote. The ballet shall be based on at least five-sixths of the OCEESA Board of Directors. No less than 80% of votes cast shall be affirmative.
- e. The elected Honorary member shall be recognized at the OCEESA annual meeting or other appropriate occasion and publicized in OCEESA Journal and OCEESA Web page.
- 2. Selection Criteria:
- a. "Significant contributions in the improvement of the environment" include but not limited to the following:
- · Research: as indicated by referred journals, presentations, patents, etc.
- · Design and practices: as demonstrated in the environmental design for achieving substantial efficiency enhancement or cost savings
- · Policy and strategies: as demonstrated by environmental quality improvement as the results of implementation of such policy or strategies
- · OCEESA development and growth: as demonstrated by extraordinary service to OCEESA or by providing financial or technical support to OCEESA, resulting in significant OCEESA development and growth
- · Community service: as demonstrated by exceptional environmental contribution that significantly improves the quality of life of a community.
- b. Not more than one Honorary Member can be elected in any calendar year.
- c. Unless otherwise noticed by the applicants, applicants not selected will be automatically put in the selection pool for next two years. After that the applicant needs to be renominated.
- d. The ratio to membership cannot exceed one Honorary Member to every 20 active OCEESA members.

The fiscal year is from January 1 to December 31.

## **BY-LAW 2. ELECTION OF OFFICERS**

Section 1. Newly elected officers shall take office on January 1. Retiring officers shall leave office on December 31. Retiring President shall be the ex-officio member of the Executive Council following his/her retirement, for a term of one year beginning January 1 of the year. For operational necessity, the election related deadlines may be adjusted by the Executive council.

Section 2. Nominations Committee shall consist of chairman and other members of Executive Council of OCEESA named by the President. It shall be the duty of this Committee to nominate one or more candidates for each office. The nominations shall be published by mail or announced in the OCEESA Journal, which is sent to its members. All nominees shall be "regular members" in good standing, as described in Article IV of OCEESA Constitution, who have paid their membership dues for the current year.

Section 3. Any additional nominations can be made from the OCEESA members, but each nomination from the members must be seconded by at least ten members, in accordance with the procedure that is used by the Nominations Committee to nominate other candidates.

Section 4. From these nominations the Executive Director of OCEESA shall make up a ballot placing the names of the candidates for each office in alphabetical order on the ballot, which shall be sent by OCEESA office to each paid member no later than December 1. No nominee shall have his/her name placed on the ballot whose consent to serve has not first been obtained by the Nominations Committee or by the Secretary.

Section 5. Members may vote for one candidate for each office for the President, Vice President and Secretary/Treasurer. From the slate of candidates for the offices of Directors, each member may vote for not more than the number of offices to be filled. The Vice President will assume the presidency in the coming year. Unless the Vice President is unable to serve, then the election of the President will be held.

Section 6. All ballots must be returned to the OCEESA office no later than December 24. To be counted, each ballot shall be sealed in an envelope on that shall appear the name of the member, including both signature and the printed or typewritten name. The OCEESA office shall check each name against the membership list and call the attention of the Nominations Committee to any discrepancy. Sealed ballot envelopes, which is to be placed inside the mailing envelope, or ballots bearing the name of the member shall invalidate such ballots.

Section 7. The candidate receiving the highest number of votes for each office shall be declared elected. In case of a tie, a run-off election by mail ballot will be held to elect the winner. In case of an election tie, a special Board meeting shall be called by the president to resolve the issue.

Section 8. The Secretary shall report the election results to the members of OCEESA within the first week of January and in the January issue of OCEESA Journal.

Section 9. Vacancies in office during the year shall be filled by appointment by the Executive Council.

Section 10. Any officer or committee chairperson who shall fail to properly perform the duties of his/her office or shall act in a manner tending to bring discredit to the OCEESA may be removed from office by a two-thirds majority vote of the elected members of the Executive Council. Due notice of the anticipated action shall be given at least one month in advance of this meeting of the Executive Council, at which time the accused shall have full opportunity to be heard. The Secretary of the OCEESA shall conduct the vote by secret ballot. If the President is the officer whose removal is being considered, he/shall not preside over the Executive Council during the consideration of this item of business. Any elected officer removed from office under the provisions of this Section shall have the right to appeal to a duly constituted OCEESA meeting, at which a two-thirds majority vote is required to reverse the decision of the Executive Council.

## **BY-LAW 3. ANNUAL MEETINGS**

The OCEESA annual meetings may be scheduled at the time and place determined by the Executive Council.

## **BY-LAW 4. OCEESA JOURNAL AND WEBSITE**

Section 1. OCEESA Journal shall be the official publication of the Association. It shall be published at least twice a year or quarterly if possible. Journal editor-in-chief is appointed by the President and with the assistance of the associate editors and the editorial board, shall be responsible for the review, editing and publication of the OCEESA Journal. All officers of the Executive Council of the OCEESA shall be responsible for the soliciting and contributing to the writing of manuscripts and OCEESA news items for publication in the OCEESA Journal and Website.

Section 2. OCEESA Journal (ISSN 1072-7248) is deposited in National Technical Information Service (NTIS), U.S. Dept. of Commerce, 5285 Port Royal Rd, Springfield, Virginia 22161, USA (Technical Reports-Project No. L8301001). The order information can be found in the U.S. Government Report Announcement and Index. OCEESA does not accept subscription of OCEESA Journal from non-members.

OCEESA World Wide Web Homepage: http://www.oceesa.org

## CONSTITUTION AND BY-LAWS OF OVERSEAS CHINESE ENVIRONMENTAL ENGINEERS & SCIENTISTS ASSOCIATION

(14 February 2006 Edition)

## **ARTICLE I: NAME**

The name of this association shall be "overseas Chinese Environmental Engineers & Scientists Association", hereinafter referred to as "OCEESA".

#### ARTICLE II: PURPOSE

The objectives of OCEESA shall be:

- 1, To encourage the advancement of environmental engineering in all areas.
- 2. To promote research in environmental engineering and science.
- 3. To improve the qualifications and usefulness of OCEESA members.
- 4. To encourage professional contacts among OCEESA members.
- 5. To promote interactions with other scientific communities.
- 6. To strive for international recognition by our professional peers.
- 7. To assist members in the professional development or educational training.

## ARTICLE III: COMPOSITION OF THE ASSOCIATION

The Association shall be composed of members who in turn may be members of its Division and/or its local Sections. It shall have officers and employees as are necessary to effectuate its purposes.

## **ARTICLE IV: MEMBERSHIP**

Section 1. OCEESA membership shall include regular members, student members, affiliate members, corporate members, honorary members and non-resident members of OCEESA.

Section 2. An Admission Committee shall consist of all members of the Executive Council of the Association. This Committee shall admit all new members, student members, affiliate members, and corporation members, and approve all honorary members, and non-resident members of OCEESA.

Section 3. Regular members of OCEESA shall be those of Chinese descent residing in North American Continent, who are interested in the objectives of the Association, and who are working in environmental engineering and science, and other related professions. Regular members are entitled to all membership privileges. Officers shall be elected among those regular members who are citizens or permanent residents of countries in North American Continent.

Section 4. Graduate student members shall be graduate students of Chinese descent studying and actively doing research in environmental engineering and science and other related fields at an institution of higher education in North American Continent. They must have the signature of their major professor to certify membership. Student members shall have voting privileges and shall receive the OCEESA Journal.

Section 5. Affiliate members shall be those, who are not eligible for membership of regular members and student members but who are interested in and supportive of the objectives of OCEESA. An affiliate member shall not vote on OCEESA matters or hold an office of OCEESA; otherwise an affiliate member shall be entitled to all other membership privileges.

Section 6. Any firm, association, corporation, or institution or subdivision thereof desiring to support the objectives and programs of OCEESA may become a corporate member of OCEESA. A corporate member shall be entitled to none of the membership privileges.

Section 7. Honorary life members shall be those of OCEESA members retiring from their regular jobs in environmental engineering and science and other related fields. Honorary life members are entitled to all membership privileges except receiving OCEESA Journal and holding an elected office of OCEESA.

Section 8. Non-resident members shall be OCEESA members of any grade returned to homeland China or their residence outside of North American Continent. Non-resident members shall be entitled to none of the membership privileges. However, a non-resident member is entitled to receiving OCEESA Journal upon payment of regular member dues.

Section 9. All regular members, student members, affiliate members, corporate members, honorary members and non-resident members shall pay dues as described in the By-Laws.

Section 10. Voting privileges shall be limited to members in good standing and as described in Article IV with each member having one vote.

## ARTICLE V: OFFICERS

Section 1. The officers of OCEESA shall be a President, a Vice President, a Secretary/Treasurer, Directors and Executive Director. The officers except the Executive Director shall be elected by the members according to procedures described by the By-Laws. The officers shall make up the Executive Council of the Association, chaired by the President of the Association. Retiring President shall be the ex-offico member of the Executive Council following his/her retirement, for a term of one year beginning January 1 of the year.

## Section 2. The duties of officers of CCEESA are listed below:

- 1. The President shall be the chief officer of OCEESA, shall have general and active management of the business of OCEESA and shall see that all resolutions of the Association are put into effect. The term of presidency shall be one year beginning January 1 of the year.
- 2. The Vice President, in the absence of the President, performs the duties and exercises the power of the President. The Vice President shall be the President-Elect of OCEESA. The term for Vice President shall be one year beginning January 1 of the year.
- 3. Under the direction of the President, the Secretary/Treasurer shall be responsible for all official correspondence, admission, the finances of OCEESA, shall keep all official files and documents, and shall perform such other duties assigned by the President. The term of the Secretary/Treasurer shall be one year beginning January 1 of the year.
- 4. The Directors shall be responsible for assisting the President in implementing resolutions, obtaining manuscripts and news items for OCEESA Journal, and nominating candidates for OCEESA officers. The term of the Director shall be two years beginning January 1 of the year. There shall be three (3) Directors elected every year. There shall be six (6) Directors in total.
- 5. The Executive Director/Editor-in-Chief of OCEESA Journal is appointed by the President. There is no set term limit for the Executive Director/Editor-in-Chief of OCEESA Journal. The Executive Director is responsible of the operation of OCEESA headquarters office including publishing of OCEESA Journal and OCEESA Directory, receiving membership dues, and processing OCEESA Best Paper Awards competition.

Section 3. No officer of OCEESA may serve more than one term of the same office.

## **ARTICLE VI: COMMITTEES**

Section-I. The President shall appoint chairman and/or members of standing and ad hoc committees on matters such as admission, nomination, publicity, international affairs, and other operations of the programs of OCEESA.

Section 2. Officers of OCEESA may appoint chairmen and members of subcommittees on matters related to their duties and responsibilities of their offices.

## **ARTICLE VII: MEETINGS**

Section 1. OCEESA shall hold annual meetings and such other meetings as are necessary to carry out its objectives. The time and place of all meetings shall be selected by the Executive Council as proposed in the By-Laws, and notices thereof shall be sent by the Secretary to each member of OCEESA or shall be published in the OCEESA Journal at least two weeks prior to the date of said meeting.

Section 2. At any meeting of OCEESA twelve (12) members shall constitute a quorum.

#### ARTICLE VIII: LOCAL CHAPTERS AND DIVISIONS

Section 1. Upon the request of not fewer than 12 members of OCEESA residing within the area defined in their request, the Executive Council may establish a Local Chapter.

Section 2. Members of OCEESA with a common interest in a particular scientific field of the Association, upon the authorization of Executive Council, may organize a group to be known as a Division of the Association.

Section 3. Local Chapters and Divisions shall be governed by the Constitution, By-Laws, Rule, and Policies established by the Executive Council of the Association.

## ARTICLE IX. POLICIES

OCEESA will operate in a non-political, non-partisan, and non-sectarian manner.

Section 1. In the event of dissolution of OCEESA the Executive Council shall with the approval of the two-thirds majority of the membership, after paying must debts, distribute the remaining assets to any of the organizations with like purposes or to organizations formed and operated exclusively for literary, and educational purposes as shall, at that time, qualify as exempt organizations under Section 501 (c) (3) of the Internal Revenue Code of 1954, or under any section amendatory thereof, supplemental thereto, or substituted therefor. Any such dissolution shall be accomplished pursuant to the laws of the State of Ohio.

Section 2. This Article of Constitution and By-Laws is not amendable during the existence of OCEESA.

#### ARTICLE XI: BY LAWS

The Executive Council shall make such By-Laws not in conflict with this Constitution as may be necessary for the proper government of the Association. Such By-Laws shall require the approval of the membership by a majority vote.

### **ARTICLE XII: AMENDMENTS**

The Constitution and By-Laws may be amended, altered, or repealed at annual meetings of the general membership with quorum by a two-thirds majority of those members present and voting, provided that no amendment is contrary to the provisions set forth in Section 501 (c) (3) of the Internal Revenue Code of 1954, and provided that prior written notice of the proposed changes has been given in the notice of said meeting not less than 30 days .prior to the annual meeting of the general membership. The request for the proposed changes with written endorsement of at least ten per cent (10%) of the general membership shall be filed with the Secretary of OCEESA not less than 45 days before the date of said meeting.

## **BY-LAWS**

## **BY-LAW 1. MEMBERSHIP DUES**

Section 1. The membership year shall be from January 1 to December 31, inclusive.

Section 2. The dues for various classification of membership are as follows:

Regular Member \$ 25.00 annually

Graduate Student Member \$ 15.00 annually

Affiliate Member \$ 25.00 annually

Corporate Member \$100.00 annually

Honorary Life Member Free

Non-Resident Member Free

The fiscal year is from January 1 to December 31.

#### **BY-LAW 2. ELECTION OF OFFICERS**

Section 1. Newly elected officers shall take office on January 1. Retiring officers shall leave office on December 31. Retiring President shall be the ex-officio member of the Executive Council following his/her retirement, for a term of one year beginning January 1 of the year.

Section 2. Nominations Committee shall consist of chairman and other members of Executive Council of OCEESA. It shall be the duty of this Committee to nominate one or more candidates for each office. The nominations shall be published by mail or

announced in the OCEESA Journal, which is sent to its members. All nominees shall be "regular members" in good standing, as described in Article IV of OCEESA Constitution, who have paid their membership dues for the current year.

Section 3. Any additional nominations can be made from the OCEESA members, but each nomination from the members must be seconded by at least ten members, in accordance with the procedure that is used by the Nominations Committee to nominate other candidates.

Section 4. From these nominations the Secretary of OCEESA shall make up a ballot placing the names of the candidates for each office in alphabetical order on the ballot, which shall be sent by OCEESA office to each paid member no later than December 1. No nominee shall have his/her name placed on the ballot whose consent to serve has not first been obtained by the Nominations Committee or by the Secretary.

Section 5. Members may vote for one candidate for each office for the President, Vice President and Secretary/Treasurer. From the slate of candidates for the offices of Directors, each member may vote for not more than the number of offices to be filled.

Section 6. All ballot must be returned to the OCEESA office no later than December 31. To be counted, each ballot shall be sealed in an envelope on which shall appear the name of the member, including both signature and the printed or typewritten name. The OCEESA office shall check each name against the membership list and call the attention of the Nominations Committee to any discrepancy. Sealed ballot envelopes, which is to be placed inside the mailing envelope, or ballots bearing the name of the member shall invalidate such ballots.

Section 7. The candidate receiving the highest number of votes for each office shall be declared elected. In case of a tie, a run-off election by mail ballot will be held to elect the winner.

Section 8. The election results shall be reported by the Secretary to the members of OCEESA in the January issue of OCEESA Journal.

Section 9. Vacancies in office during the year shall be filled by appointment by the Executive Council.

Section 10. Any officer or committee chairman who shall fail to properly perform the duties of his/her office or shall act in a manner tending to bring discredit to the OCEESA may be removed from office by a two-thirds majority vote of the elected members of the Executive Council. Due notice of the anticipated action shall be given at least one month in advance of this meeting of the Executive Council, at which time the accused shall have full opportunity to be heard. The Secretary of the OCEESA shall conduct the vote by secret ballot. If the President is the officer whose removal is being considered, he/shall not preside over the Executive Council during the consideration of this item of business. Any elected officer removed from office under the provisions of this Section shall have

the right to appeal to a duly constituted OCEESA meeting, at which a two-thirds majority vote is required to reverse the decision of the Executive Council.

## **BY-LAW 3. ANNUAL MEETINGS**

The OCEESA annual meetings may be scheduled to coincide with the annual Purdue Industrial Waste Conference held at Purdue University, West Lafayette, in May of each year, or at the time and place determined by the Executive Council.

## **BY-LAW 4. OCEESA JOURNAL**

Section 1. OCEESA Journal shall be the official publication of the Association. It shall be published at least twice a year or quarterly if possible. Journal editor-in-chief, with the assistance of the associate editors and the editorial board, shall be responsible for the review, editing and publication of the OCEESA Journal. All officers of the Executive Council of the OCEESA shall be responsible for the soliciting and writing of manuscripts and OCEESA news items for publication in the OCEESA Journal. Journal editor-in-chief is appointed by the President.

Section 2. OCEESA Journal (ISSN 1072-7248) is deposited in National Technical Information Service (NTIS), U.S. Dept. of Commerce, 5285 Port Royal Rd, Springfield, Virginia 22161, USA (Technical Reports-Project No. L8301001). The order information can be found in the U.S. Government Report Announcement and Index. OCEESA does not accept subscription of OCEESA Journal from non-members.

OCEESA World Wide Web Homepage: http://www.oceesa.org

# CONSTITUTION AND BY-LAWS OF OVERSEAS CHINESE ENVIRONMENTAL ENGINEERS & SCIENTISTS ASSOCIATION

(27 October 2013 Edition)

#### VISION

To be a leading resource for fostering global sustainable development, for advancing quality of life and for protecting the environment.

## **MISSION**

To form alliance with other organizations and environmental professionals to:

- · Promote state-of-the-art environmental science, technology and management
- · Promote opportunities for professional development for members
- · Improve greater China environment
- · Advocate sustainable environmental policy

## **CONSTITUTIONS**

## **ARTICLE I: NAME**

The name of this association shall be "Overseas Chinese Environmental Engineers & Scientists Association", hereinafter referred to as "OCEESA".

## ARTICLE II: PURPOSE

The objectives of OCEESA shall be:

- 1. To enhance the advancement of environmental science, technology, and management
- 2. To provide education, training, and information exchange for members and other environmental professionals
- 3. To establish data base for environmental resources
- 4. To assist sustainable environmental trade and business
- 5. To promote informed environment policy and decision making

## ARTICLE III: COMPOSITION OF THE ASSOCIATION

The Association shall be composed of members who in turn may be members of its Chapters, Divisions and/or local Sections. It shall have officers and staff as are necessary to effectuate its purposes.

## **ARTICLE IV: MEMBERSHIP**

- Section 1. OCEESA membership shall include regular members, student members, affiliate members, corporate members, honorary members, and life members OCEESA.
- Section 2. An Admission Committee shall consist of members of the Executive Council of the Association. This Committee shall admit all new regular and life members, student members, affiliate members, and corporation members and non-resident members. The Committee will also review all honorary member applications and sends the applications to the Board of Directors for approval.
- Section 3. Regular members of OCEESA shall be those of Chinese descent who are interested in and supportive of the objectives of the Association, and who are working in environmental engineering and science, and other related professions. Regular members are entitled to all membership privileges. Officers shall be elected among those regular members who are citizens or permanent residents of countries outside of China and Taiwan.
- Section 4. Student members shall be students of Chinese descent studying and actively doing research in environmental engineering and science and other related fields at an institution of higher education. Student members shall have voting privileges and shall receive the OCEESA Journal.
- Section 5. Affiliate members shall be those, who are not eligible for membership of regular members and student members but who are interested in and supportive of the objectives of OCEESA. An affiliate member shall not vote on OCEESA matters or hold an office of OCEESA; otherwise an affiliate member shall be entitled to all other membership privileges.
- Section 6. Any firm, association, corporation, or institution or subdivision thereof desiring to support the objectives and programs of OCEESA may become a corporate member of OCEESA. A corporate member shall be entitled to all membership privileges except voting and being elected as an officer.
- Section 7. Honorary members shall be those who are not OCEESA members but has made significant contributions in the improvement of the environment such as, but not limited to environmental engineering, environmental science, humanity, and the growth and development of OCEESA. Honorary members are entitled to all membership privileges except voting and being elected as officers. Honorary members are nominated by OCEESA members and approved by the Board of Directors.
- Section 8. Life members shall be those who has paid one lump sum of \$250.00 of membership dues at the time of membership application or any time as a regular paying member. Life members are entitled to all membership privileges.
- Section 9. All regular members, student members, affiliate members, corporate members, shall pay dues as described in the By-Laws.
- Section 10. Voting privileges shall be limited to members in good standing and as described in Article IV with each member having one vote.

## **ARTICLE V: OFFICERS**

Section 1. The officers of OCEESA shall be a President, a Vice President, a Secretary/Treasurer, Directors and Executive Director. The officers, except the Executive Director, shall be elected by the members according to procedures described by the By-Laws. The officers shall make up the Executive Council of the Association, chaired by the President of the Association. Retiring President shall be the ex-officio member of the Executive Council following his/her retirement, for a term of one year beginning January 1 of the year.

# Section 2. The duties of officers of CCEESA are listed below:

- 1. The President shall be the chief officer of OCEESA, shall have general authority for active management of the business of OCEESA and shall see that all resolutions of the Association are put into effect. The term of presidency shall be one year beginning January 1 of the year.
- 2. The Vice President, in the absence of the President, performs the duties and exercises the power of the President. The Vice President shall be the President-Elect of OCEESA. The term for Vice President shall be one year beginning January 1 of the year.
- 3. Under the direction of the President, the Secretary/Treasurer shall be responsible for all official correspondence, admission, finances of OCEESA, shall keep all official files and documents, and shall perform such other duties assigned by the President. The term of the Secretary/Treasurer shall be one year beginning January 1 of the year.
- 4. The Directors shall be responsible for assisting the President in implementing resolutions, obtaining manuscripts and news items for OCEESA Journal, and nominating candidates for OCEESA officers. The term of the Director shall be three years beginning January 1 of the year. There shall be three (3) Directors elected every year. Total number of Directors shall be nine (9) plus the number of local chapter presidents.
- 5. The Executive Director/Editor-in-Chief of OCEESA Journal is appointed by the President. The terms and conditions for the appointment of new executive director/editor-in-chief of OCEESA Journal shall be set by the President at the time of the appointment. The Executive Director is responsible of the operation of OCEESA headquarters office including publishing of OCEESA Journal and OCEESA Directory, maintenance of OCEESA Directory and Website, receiving membership dues, filing annual tax return, and processing OCEESA Best Paper Awards competition and other publicity events.
- Section 3. No officer of OCEESA may serve more than one term of the same office.

# **ARTICLE VI: COMMITTEES**

- Section-1. The President shall appoint, as necessary, advisors, chairman and/or members of standing and ad hoc committees on matters such as admission, nomination, publicity, international affairs, and other operations of the programs of OCEESA.
- Section 2. Officers of OCEESA may make recommendations to the President for the selection of chairmen and members of subcommittees on matters related to their duties and responsibilities of their offices. The President shall approve or reject the recommendations.

## **ARTICLE VII: MEETINGS**

- Section 1. General membership meeting: OCEESA shall hold annual meetings and such other meetings as are necessary to carry out its objectives. The time and place of all meetings shall be selected by the Executive Council as proposed in the By-Laws, and notices thereof shall be sent by the Secretary to each member of OCEESA or shall be published in the OCEESA Journal at least two weeks prior to the date of said meeting.
- Section 2. Board meetings: The Board of Directors shall meet at least once a year through telecommunication, video conferencing or physical meeting, at a date to be determined by the Board of Directors. A majority of the Board membership shall constitute a quorum. Special Board meeting can be held at the request of the President or majority of the Board members.
- Section 3. At any meeting of OCEESA, 30% of paid member participation shall constitute a quorum.
- Section 4. Executive Council meeting: The President shall call Executive Council meetings on a pre-established schedule to conduct association business.

# ARTICLE VIII: LOCAL CHAPTERS

- Section 1. Upon the request of not fewer than 10 members of OCEESA residing within the area defined in their request, the Executive Council may establish a Local Chapter.
- Section 2. Local Chapters shall be governed by the Constitution, By-Laws, Rule, and Policies established by the Executive Council of the Association.
- Section 3. A Memorandum of Understanding (MOU) shall be established between the OCESSA Executive Council and the local Chapters.

## **ARTICLE IX. POLICIES**

OCEESA will operate in a non-political, non-partisan, and non-sectarian manner.

Section 1. In the event of dissolution of OCEESA, the Executive Council shall, with the approval of the two-thirds majority of the membership, after paying debts, distribute the remaining assets to any of the organizations with like purposes or to organizations formed and operated exclusively for literary, and educational purposes as shall, at that time, qualify as exempt organizations under Section 501 (c) (3) of the Internal Revenue Code of 1954, or under any section amendatory thereof, supplemental thereto, or substituted therefor. Any such dissolution shall be accomplished pursuant to the laws of the State of Ohio where the OCEESA headquarter is.

# **ARTICLE XI: BY LAWS**

The Executive Council shall make such By-Laws not in conflict with this Constitution as may be necessary for the proper government of the Association. Such By-Laws shall require the approval of the membership by a majority vote.

## **ARTICLE XII: AMENDMENTS**

Section 1. The Constitution and By-Laws may be amended, altered, or repealed at annual meetings of the general membership with quorum by a two-thirds majority of those members present and voting, provided that no amendment is contrary to the provisions set forth in Section 501 (c) (3) of the Internal Revenue Code of 1954, and provided that prior written notice of the proposed changes has been given in the notice of said meeting not less than 30 days prior to the annual meeting of the general membership. The request for the proposed changes with written endorsement of at least ten per cent (10%) of the general membership shall be filed with the Secretary of OCEESA not less than 45 days before the date of said meeting.

Section 2. The Constitution and By-Laws may be amended, altered or repealed, for all practical purposes, may be subject to ratification by majority of membership at large. The procedure of conducting this ratification shall be determined by the Executive Council.

## **BY-LAWS**

# **BY-LAW 1. MEMBERSHIP DUES**

Section 1. The membership year shall be from January 1 to December 31, inclusive.

Section 2. Unless revised by the Executive Council, the dues for various classification of membership are determined by the Executive Council. Presently, the dues are as follows:

Regular Member: \$ 25.00 annually Student Member: \$ 15.00 annually Affiliate Member: \$ 25.00 annually Corporate Member: \$100.00 annually

Life Member: \$250 (one time) Honorary Member: Free

# **Honorary Member Nomination Procedure and Selection Criteria**

- 1. Nomination procedure:
- a. A Nomination letter highlighting the significant achievement of the nominee should be submitted to the OCEESA President. The letter has to be signed by at least three OCEESA members in good standing.
- b. One page biography of the nominee should be attached with the nomination letter.
- c. Nomination material should reach the OCEESA president by August 1 each year and the selection process should be completed within 120 days. The results will be announced on the following year's 1st issue of OCEESA Journal.
- d. Election to Honorary Membership shall be at the Board meeting or by mail with secret ballet vote. The ballet shall be based on at least five-sixths of the OCEESA Board of Directors. No less than 80% of votes cast shall be affirmative.
- e. The elected Honorary member shall be recognized at the OCEESA annual meeting or other appropriate occasion and publicized in OCEESA Journal and OCEESA

Web page.

## 2. Selection Criteria:

- a. "Significant contributions in the improvement of the environment" include but not limited to the following:
  - 1. Research: as indicated by referred journals, presentations, patents, etc.
  - 2. Design and practices: as demonstrated in the environmental design for achieving substantial efficiency enhancement or cost savings
  - 3. Policy and strategies: as demonstrated by environmental quality improvement as the results of implementation of such policy or strategies
  - 4. OCEESA development and growth: as demonstrated by extraordinary service to OCEESA or by providing financial or technical support to OCEESA, resulting in significant OCEESA development and growth
  - 5. Community service: as demonstrated by exceptional environmental contribution that significantly improves the quality of life of a community.
- b. Not more than one Honorary Member can be elected in any calendar year.
- c. Unless otherwise noticed by the applicants, applicants not selected will be automatically put in the selection pool for next two years. After that the applicant needs to be renominated.
- d. The ratio to membership cannot exceed one Honorary Member to every 20 active OCEESA members.

The fiscal year is from January 1 to December 31.

## **BY-LAW 2. ELECTION OF OFFICERS**

- Section 1. Newly elected officers shall take office on January 1. Retiring officers shall leave office on December 31. Retiring President shall be the ex-officio member of the Executive Council following his/her retirement, for a term of one year beginning January 1 of the year. For operational necessity, the election related deadlines may be adjusted by the Executive council.
- Section 2. Nominations Committee shall consist of chairman and other members of Executive Council of OCEESA named by the President. It shall be the duty of this Committee to nominate one or more candidates for each office. The nominations shall be published by mail or announced in the OCEESA Journal, which is sent to its members. All nominees shall be "regular members" in good standing, as described in Article IV of OCEESA Constitution, who have paid their membership dues for the current year.
- Section 3. Any additional nominations can be made from the OCEESA members, but each nomination from the members must be seconded by at least ten members, in accordance with the procedure that is used by the Nominations Committee to nominate other candidates.
- Section 4. From these nominations the Executive Director of OCEESA shall make up a ballot placing the names of the candidates for each office in alphabetical order on the ballot,

which shall be sent by OCEESA office to each paid member no later than December 1. No nominee shall have his/her name placed on the ballot whose consent to serve has not first been obtained by the Nominations Committee or by the Secretary.

- Section 5. Members may vote for one candidate for each office for the President, Vice President and Secretary/Treasurer. From the slate of candidates for the offices of Directors, each member may vote for not more than the number of offices to be filled. The Vice President will assume the presidency in the coming year. Unless the Vice President is unable to serve, then the election of the President will be held.
- Section 6. All ballots must be returned to the OCEESA office no later than December 24. To be counted, each ballot shall be sealed in an envelope on that shall appear the name of the member, including both signature and the printed or typewritten name. The OCEESA office shall check each name against the membership list and call the attention of the Nominations Committee to any discrepancy. Sealed ballot envelopes, which is to be placed inside the mailing envelope, or ballots bearing the name of the member shall invalidate such ballots.
- Section 7. The candidate receiving the highest number of votes for each office shall be declared elected. In case of a tie, a run-off election by mail ballot will be held to elect the winner. In case of an election tie, a special Board meeting shall be called by the president to resolve the issue.
- Section 8. The Secretary shall report the election results to the members of OCEESA within the first week of January and in the January issue of OCEESA Journal.
- Section 9. Vacancies in office during the year shall be filled by appointment by the Executive Council.
- Section 10. Any officer or committee chairperson who shall fail to properly perform the duties of his/her office or shall act in a manner tending to bring discredit to the OCEESA may be removed from office by a two-thirds majority vote of the elected members of the Executive Council. Due notice of the anticipated action shall be given at least one month in advance of this meeting of the Executive Council, at which time the accused shall have full opportunity to be heard. The Secretary of the OCEESA shall conduct the vote by secret ballot. If the President is the officer whose removal is being considered, he/shall not preside over the Executive Council during the consideration of this item of business. Any elected officer removed from office under the provisions of this Section shall have the right to appeal to a duly constituted OCEESA meeting, at which a two-thirds majority vote is required to reverse the decision of the Executive Council.

# **BY-LAW 3. ANNUAL MEETINGS**

The OCEESA annual meetings may be scheduled at the time and place determined by the Executive Council.

# BY-LAW 4. OCEESA JOURNAL AND WEBSITE

Section 1. OCEESA Journal shall be the official publication of the Association. It shall be published at least twice a year or quarterly if possible. Journal editor-in-chief is appointed by the President and with the assistance of the associate editors and the editorial board, shall

be responsible for the review, editing and publication of the OCEESA Journal. All officers of the Executive Council of the OCEESA shall be responsible for the soliciting and contributing to the writing of manuscripts and OCEESA news items for publication in the OCEESA Journal and Website.

Section 2. OCEESA Journal (ISSN 1072-7248) is deposited in National Technical Information Service (NTIS), U.S. Dept. of Commerce, 5285 Port Royal Rd, Springfield, Virginia 22161, USA (Technical Reports-Project No. L8301001). The order information can be found in the U.S. Government Report Announcement and Index. OCEESA does not accept subscription of OCEESA Journal from non-members.

OCEESA World Wide Web Homepage: http://www.oceesa.org

Wen Chi (Jim) Ku, Ph.D. 952 Promenade Circle Cicero, Indiana 46032

Email: wcku89@yahoo.com

December 3, 2020

To Whom It May Concern:

As President of the Overseas Chinese Environmental Engineers and Scientists Association (OCEESA) from June 1, 1987 to May 31, 1988, I would like to inform you the following:

- 1. Dr. Yung-Tse Hung was appointed as Permanent Executive Director of OCEESA in 1986 and has served in that role for the past 35 years. He is responsible for running OCEESA's Cleveland office located in Cleveland, Ohio, U.S.A.
- 2. Since 1982, OCEESA's membership dues have been used exclusively for the operation of OCEESA's Cleveland office. This arrangement was made by the late Dr. Howard Ju-Chang Huang, who was President of OCEESA from June 1, 1981 to May 31, 1982.

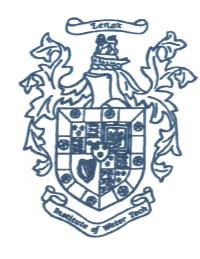
Dr. Hung has dedicated his entire professional life to establishing OCCESA and nurturing its growth. Dr. Hung was instrumental in founding the OCCESA. He and a group of scholars and environmental engineers and scientists, including me, started the organization in 1980 during the Annual Industrial Wastes Conference held at Purdue University, West Lafayette, Indiana, U.S.A. After serving as its fifth president in 1986, he was appointed as Permanent Executive Director of OCCESA. Through his efforts, OCCESA was incorporated in the State of Ohio, U.S.A., and its headquarters was established in Cleveland, Ohio, U.S.A. Under his skillful management, as well as the leaderships of its many presidents and boards of directors, the organization continued to grow year after year throughout the past 40 years. For many of us, he was, and still is, the face of OCCESA. As I look back at the past 40 years, I can dare say that if it was not for Dr. Hung, OCCESA might not have lasted for so long, letting alone growth and many great accomplishments.

Very truly yours,

Wen Chi (Jim) Ku, Ph.D.

OCCESA President (1987-88)

**OCCESA Life Member** 



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Mailing Address: PO Box 405, Newtonville, NY 12128-0405

December 29, 2020

# To Whom It May Concern:

As President of the Overseas Chinese Environmental Engineers and Scientist Association (OCEESA) from June 1, 1989 to December 31, 1990, I would like to inform you the following:

- 1. Dr. Yung-Tse Hung was appointed as Permanent Executive Director of OCEESA in 1986 and has served in that role for the past 35 years. He has been responsible for the operation of OCEESA's Cleveland office, Cleveland, Ohio, USA, since.
- 2. OCEESA membership dues have been exclusively used for the operation of OCEESA's Cleveland office since 1982. This arrangement was initially made by the late Dr. Howard Ju-Chang Huang, who was the President of OCEESA from June 1, 1981 to May 31, 1982.

Dr. Hung has dedicated his entire professional life to, first, establish OCCESA and, then, nurture its growth. Dr. Hung was instrumental in establishing the organization of OCCESA. He and a group of environmental scholars, engineers and scientists started the organization in 1980 during the Annual Industrial Wastes Conference held at Purdue University, West Lafayette, Indiana, USA. After serving as the OCEESA's fifth president in 1986, he was appointed as Permanent Executive Director of OCCESA. Through his efforts, OCCESA was incorporated as a non-profit organization in the State of Ohio, and its headquarter was established in Cleveland, Ohio, USA. Under his excellent leadership, OCEESA has been continually growing year after year throughout the past 40 years. If it was not for Dr. Hung, OCCESA might not have survived its long journey, letting alone continuous growth with great accomplishments.

De S. Dang-

Very Truly Yours,

Prof. Lawrence K. Wang, PhD, PE, DEE

OCCESA President (1989-1990)

Home Address: 1 Dawn Drive, Latham, NY 12110-5305 USA

# OCEESA MEMBERSHIP APPLICATION

Name:					
Last		First		Middle	
Chinese Name (in Omembership Status Title (Job Title): Department: Organization: Business Address:	: Regular [	]Student □Co	rporate	-	
Home Address:	Street	City State	ZIP		
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		Home Fax:		Home Email:	
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Signature:Annual Dues: Regumembership due or (payable to OCEES 44136-6214 USA 7 y.hung@csuohio.ed U.S. dollars and muform and 1-page re Format resume as feducation, academi	allar Member \$ 2 n January 31. Ple SA) to: Dr. Yung Fel: O: (216) 687 du, yungtsehung ust be drawn from sume to Dr. Yur follows: Name, p c experience, inc	25; Student Merease mail this more as Tse Hung, Pro 7-2596 Tel:H: (@yahoo.com Ism a U.S. bank long-Tse Hung. Coosition, departn dustrial experier	mber \$ 15; embership fessor, 169 440) 238-0 Please note ocated in U OCEESA V nent, emplo	Date:	be in ship

# Table 1 and Table 2 OCEESA Expertise and Specialty

Note: Expertise (2 digits) Specialty (4 digits)

#### 01 AIR POLLUTION CONTROL PROCESSES

0101 Absorption

0102 Adsorption

0103 Combustion

0104 Electrostatic precipitation

0105 Particle filtration

0106 Gravity settler

0107 Inertial separator

0108 Scrubbers

0109 Source modification

0110 Biofiltration

#### 02 ANALYTICAL METHODS

0201 Aerosol analysis

0202 Bioassay

0203 Chromatography, gas

0204 Chromatography, liquid

0205 Electron microscopy

0206 Elemental analysis

0207 Inorganic analysis

0208 Mass spectroscopy

0209 Organic analysis

0210 Quality control

0211 Sampling

0212 Solids analysis

0213 Spectrophotometry

0214 Taste and odor

0215 Toxicity

## 03 ATMOSPHERIC CHEMISTRY AND AIR QUALITY

0301 Acid deposition

0302 Aerosols

0303 Chlorofluorocarbons

0304 Clouds chemistry and physics

0305 Gas-phase reactions

0306 Greenhouse gases

0307 Heterogenous reactions

0308 Indoor air quality

0309 Nitrogen oxides

0310 Ozone

0311 Photochemical reactions

0312 Smog

0313 Sulfur dioxides

0314 Transport

0315 Visibility

## 04 BIOLOGICAL TREATMENT

0402 Biofilm process - aerobic

0403 Biofilm process - anaerobic

0404 Composting

0405 Denitrification

0406 Kinetics

0407 Lagoons - aquatic macrophytes

0408 Lagoons - stabilization

0409 Methanogenesis

0410 Nitrification

0411 Phosphorus removal

0412 Septic tanks

0413 Sludge digestion

0414 Sulfate reduction

## 05 CHEMICAL AND PHYSICAL TREATMENT PROCESSES FOR WATER AND WASTEWATER

0501 Adsorption

0502 Chlorination and dechlorination

0503 Coagulation/flocculation

0504 Disinfection

0505 Filtration

0506 Flotation

0507 Gas transfer

0508 Ion exchange

0509 Irradiation

0510 Membrane processes

0511 Ozonation

0512 Precipitation

0513 Sedimentation

0514 Mixing

# 06 DRINKING WATER QUALITY

0601 Chemicals - inorganic

0602 Chemicals - organic

0603 Disinfection by-products

0604 Disinfection residuals

0605 Microbiological

0606 Stability

0607 Tastes and odors

## 07 ECOLOGY

0701 Aquatic

0702 Microbial

0703 Soil

0704 Terrestrial

0705 Toxicology

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0801 Erosion

0802 Geology

0803 Geophysics

0804 Hydrogeology

0805 Mineralogy

0806 Sediment transport

0807 Soil classification

# 09 GROUNDWATER QUALITY

0901 Aquifer restoration

0902 Colloid transport

0903 Inorganic geochemistry

0904 Microbiology

0905 Monitoring

0906 Multiphase systems

0907 Organic geochemistry

0908 Radionuclides

0909 Sorption

0910 Transformation reactions

#### 10 HAZARDOUS MATERIALS

1001 Biological treatment

1002 Characterization

1003 Chemical treatment

1004 Exposure and risk

1005 Incineration

1006 Intermedia transport

1007 Land disposal

1008 Management

1009 Physical treatment

1010 Reuse, recycling, recovery and source reduction

1011 Solidification

1012 Storage and transportation

## 11 HYDROLOGY

1101 Evaporation/precipitation

1102 Groundwater movement

1103 Groundwater/surface water interactions

including

recharge

1104 Land use

1105 Meteorology

1106 Seepage

1107 Water circulation

1108 Well analysis and design

## 12 HYDROMECHANICS

1201 Coastal hydraulics

1202 Cold regions

1203 Flooding

1204 Fluid mechanics

1205 Hydraulics

1206 Hydromechamics

1207 Open-channel flow

1208 Pumping

1209 Sedimentation

1210 Waves

#### 13 MANAGEMENT/POLICY

1301 Air basins

1302 Economics and finance

1303 Environmental impact Assessment

1304 Laws and regulations

1305 River basins

1300 Utilities

1307 Water allocation

1308 Water conservation

1309 Water-quality standards

## 14 MATHEMATICAL MODELING

1401 Air-pollutant transport t

1402 Atmospheric chemical reactions

1403 Chemical kinetics and equilibrium

1404 Groundwater movement

1405 Groundwater solute transport

1406 Ocean outfalls

1407 Pipe networks

1408 R islc

1409 Stochastic processes

1410 Surface water quality

1411 Systems analysis

1412 Treatment processes and Facilities

## 15 MICROBIOLOGY

1501 Aerobic

1502 Algae

1503 Anaerobic

1504 Disinfection

1505 Groundwater

1506 Kinetics

1507 Marine

1508 Pathogens

1509 Soil

1510 Toxicology

1511 Viruses

# 16 PUBLIC HEALTH

1601 Communicable diseases

1602 Dose response

1603 Epidemiology

1604 Enteric bacteria

1605 Giardia

1606 Risk assessment

1607 Viruses

## 17 RADIOACTIVE MATERIALS

1701 High-level radioactive wastes

1702 Low-level radioactive wastes

1703 Radiation physics

1704 Radiotracers

1705 Radon

1706 Stable radionuclides

## 2210 Thermodynamics and Equilibrium

#### 18 SLUDGE HANDLING AND DISPOSAL

- 1801 Aerobic digestion
- 1802 Anaerobic digestion
- 1803 Composting
- 1804 Conditioning
- 1805 Dewatering, centritugal
- 1806 Dewatering, Filtration
- 1807 Dewatering, evaporative
- 1808 Incineration
- 1809 Land disposal and agricultural Use
- 1810 Marine disposal
- 1811 Thickening

#### 19 SOLID-WASTE MANAGEMENT

- 1901 Biological treatment
- 1902 Co-disposal
- 1903 Incineration
- 1904 Landfilling
- 1905 Recycling and recovery
- 1906 Volumetric reduction

## 20 SURFACE-WATER QUALITY

- 2001 Dissolved oxygen
- 2002 Drinking-water supply
- 2003 Eutrophication
- 2004 Fisheries
- 2005 Land-use control
- 2005 Mixing zones
- 2007 Non-point sources
- 2008 Pathogens
- 2009 Photo processes
- 2010 Recreation
- 2011 Sedimentation
- 2012 Waste load allocation

## 21 WASTEWATER COLLECTION

- 2101 Characterization of wastewaters
- 2102 Corrosion control
- 2103 Maintenance and construction
- 2104 Odor control
- 2105 Sewerage systems
- 2106 Storage or retention

## 22 WATER CHEMISTRY

- 2201 Acids and bases
- 2202 Complexation and chelation
- 2203 Corrosion and material degradation
- 2204 Kinetics
- 2205 Organic transformation
- 2206 Oxidation/reduction reactions
- 2207 Photochemistry
- 2208 Precipitation and dissolution
- 2209 Sorption

## 23 WATER DISTRIBUTION

- 2301 Bacterial growth
- 2302 Construction and maintenance
- 2303 Corrosion
- 2304 Disinfectant residual
- 2305 Reservoirs and storage tanks
- 2306 Tastes and odors

OCEESA JOURNAL (ISSN 1072-7248) c/o Prof. Yung-Tse Hung 16945 Deerfield Dr. Strongsville, Ohio 44136-6214 USA

MAIL TO:

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Last Name	First Name		Middle Name		
Old Address					
City	State	Zip	Effective Date Change		
New Job Title	New Employer's Name				
New Office Address					
City	State	Zip	Effective Date Change		
New Office Tel. No.		New Office Fax No.	New Office Email Address		
New Home Address					
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