

Division newsletter



American Society for Engineering Education

DIVISION: Civil Engineering

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CHAIRMAN'S REMARKS

There's always a message from a chairperson, isn't there? And so often these have some sweeping statements and pious platitudes. I'll offer just a couple and then provide a number of specific suggestions for you.

The Civil Engineering Division of ASEE has over 1100 members but perhaps only three dozen take a regular part in its programs and planning. Part of this problem is that our members may not know what persons active in the Division are doing and what each individual may do in ASEE. Here are some specific ideas; perhaps one or more will become the way for you to be involved.

(1) Come to the annual meetings of ASEE in June. Much of our division committee work, program planning and personal contacts occur in that week. In addition to a very complete program of sponsored sessions and co-sponsored sessions, the Civil Engineering Division has several combined social and working sessions: a rap session (with refreshments) Monday evening; a Tuesday banquet, a luncheon, and a planning breakfast Wednesday. All division members and interested persons are invited to any and all of these.

(2) Ask to become a member of one of the three committees - these are kept to a small official membership, but others are welcome to participate, to contribute to plans, and to replace members whose terms expire (two members on each committee complete a term of service each year).

(3) Contribute an article to the Division's new publication, Civil Engineering Education. The editor, Dr. Peter Hoadley of Vanderbilt, will be happy to provide more information on possible papers.

(4) Contribute an article to the ASEE magazine, Engineering Education.

(5) Offer to be a reviewer for articles in Engineering Education - write the editor and indicate any specific areas in which you have special interests as a reviewer (all reviews are confidential).

(6) Offer to present a paper on one of the program themes for an annual meeting. The themes are usually developed at the annual meetings, and program speakers are finalized between July and December.

(7) Participate in and attend section meeting sessions - a presentation at a section meeting could be turned into an article for Civil Engineering Education or Engineering Education.

(8) Encourage your colleagues to join ASEE and the Civil Engineering Division. Encourage engineers outside of education to become members and to participate so that our educational efforts will reflect better input from practitioners.

Now, the above list should include at least one and possibly several actions which each of us can take, regardless of where we work or whether we can attend annual meetings. You can be active and contribute to a better Civil Engineering Division, a stronger ASEE, and to your own professional development. Think about it - do something about it!

I hope to have some contact with you during this next year.

E. Chesson, Jr.
ASEE - CE DIVISION
Professor of Civil Engineering
University of Delaware

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ANNUAL BUSINESS MEETING

The annual business meeting of the Civil Engineering Division was called to order by Chairman Don Bender. There were thirty members in attendance. After introducing the Division Officers, the Chairman called for the membership to attend the Division breakfast to be held the next day and participate in the program planning for the C.E. Division's activities at the 1980 ASEE Meeting.

The Annual Report, as prepared by Don Bender, was distributed to those in attendance. He also reported on the results of the election of new officers: Eugene Chesson, Chairman; Gordon Batson, Vice-Chairman and Program Chairman; Fred Beaufait, Secretary/Treasurer and Newsletter Editor; and Dexter Jameson, Director. The Report was accepted.

Proposed changes to and updating of the Bylaws were presented by the Chairman. After some discussion, the suggested changes were accepted. The amended By-Laws are published in this issue of the Newsletter.

Chairman Bender proposed the following Budget Policy:

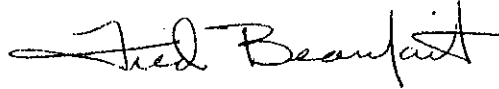
1. The ASEE allocated funds are to be dedicated to the printing and mailing of the CE Division Newsletter. One Newsletter is to be distributed in the fall and one in the spring.
2. The division dues (\$2.00/member) be placed in the BASS (Banking and Accounting Service System). This account draws interest and can be used to accumulate funds. The first call on these funds is for the publication of CIVIL ENGINEERING EDUCATION. Other uses of the funds have not, as yet, been established.

This proposed policy was accepted.

Peter G. Hoadley, editor of CIVIL ENGINEERING EDUCATION reported on the first issue of the publication and issued a "Call for Papers". For this first issue some 1500 copies were printed; 1100 copies were mailed to members of the CE Division. Only dues-paying members of the Division will receive copies of this publication in the future. Although a number of manuscripts were submitted in response to the "Call for Papers" for the first issue, only four could be published.

Bill Saul moved that a subscription rate be put on the publication for distribution outside the Division. The motion was seconded and passed.

Respectfully Submitted,



Fred Beaufait
Secretary - Treasurer
ASEE - CE Division

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NOMINATING COMMITTEE REPORT

The Nominating Committee, consisting of Don Bender (Chairman), Bill Wilhelm, and Peter Hoadley, submitted the following candidates for offices to be filled in 1980-81:

- Chairman - Gordon Batson
- Vice-Chairman - Marvin Criswell (second candidate withdrew)
- Director (3 year term) - Ron Eck
- Subash Anand

Balloting will be next spring and the newly elected officers will assume their duties at the 1980 ASEE Annual Conference.

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REPORT FROM COMMITTEE 1 - EDUCATIONAL POLICY

Committee #1 sponsored two sessions, "Scarce Resources - Present and Future Faculty" and "Scarce Resources - Credit hours and their allocation" at the 1979 ASEE Annual Conference. Both of these sessions were very well attended and received and created considerable discussion.

As a followup to the session on Present and Future Faculty Resources, Committee #1 has proposed a mini plenary session, "The 21st Century - Will there be Engineering Faculty?" This session will be shared with Mechanical Engineering and is designed to deal with the problem of faculty salary. If you have any suggestions or would like to participate please contact Dr. McDonough at the University of Cincinnati.

A second session planned by Committee #1 and under the direction of Dr. Colby Ardis at the University of Toledo is titled "How to acquire 20th Century Instructional Equipment before the 21st Century." If you have any suggestions or would like to participate, please contact Dr. Ardis.

Jim McDonough, Chairman
University of Cincinnati

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REPORT FROM COMMITTEE 2 - PROFESSIONAL PRACTICE & RELATIONS
WITH TECHNICAL SOCIETIES

Gaj Sabnis opened the meeting and gave a short report on the sessions that were organized by the Committee at the 1979 ASEE Annual Conference. The first order of business was the nomination and election of Subhash C. Anand as Chairman of the Committee.

The second item on the agenda concerned the Committee membership. As the terms of Professors Gaj M. Sabnis and Samuel W. Dobyns were expiring in July this year, two new members were required for this Committee. Willard H. Reed of

California State University at Long Beach and Donn Hancher of Purdue University were elected to the Committee, each for a three year term.

The Committee was asked to discuss and propose possible sessions the committee would like to sponsor at the 1980 ASEE Annual Conference to be held at the University of Massachusetts, Amherst.

After a considerable discussion of the various topics that could be of interest as sessions, this Committee requested the following two sessions:

1. Engineering Faculty - Practice or Perish

The Committee felt this title to be rather attractive for a session in which the need for engineering faculty to acquire practical experience will be emphasized if they were to become effective teachers. This session should investigate the current state of the faculty in various colleges and universities in terms of the number of years of design and job experience. It should also explore the possible ways young faculty can gain meaningful practical experience and be rewarded for this enrichment in their capability as teachers. Another possible way to bring design experience into the classroom would be to have practicing engineers teach engineering courses. Advantages and disadvantages of various ways for a faculty to acquire practical experience, like summer jobs, consulting, a year or two of industrial residency, should be explored and discussed.

2. Engineer = University + What?

The Committee thought this topic to be of interest to educators, particularly if the views of some practicing engineers could be obtained as speakers at this session. In addition, if the session is jointly shared by some educators, it should provide a lively debate about what the colleges and universities can do to educate a student and what is expected of the profession in terms of the training to turn this student into a responsible and productive engineer in practice. Topics like continuing education, formalized training programs of various companies, registration, professional activities, technical communication, and design experience all belong in the category of activities after graduation that make the student an engineer. Any or all could be discussed at this session.

A Miniplenary to be cosponsored with the Construction Division was proposed at the request of Steve Nunnally of N.C. State University. Gaj Sabnis agreed to help in the organization of this Miniplenary.

Subhash C. Anand, Chairman
Clemson University

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REPORT FROM COMMITTEE 3 - TEACHING METHODS & TECHNICAL AREAS

Committee 3 sponsored two sessions at the 1979 Annual Conference:
"Education in Civil Engineering for Conservation of Scarce Resources" and

"Transportation Engineering Education in the 1980's." Approximately 40 persons attended each of these sessions.

The Committee decided to request two sessions at the 1980 Annual Conference. After a lengthy discussion, topics for the two sessions were chosen: "A Curriculum in Civil Engineering for the 21st Century"; papers at this session will address changes in civil engineering education necessary to accommodate changes both in society and in professional practice. "Optimization of Time and Resources in Civil Engineering Education for the Year 2000"; students and educators must be familiar with devices and equipment (e.g., computers) used to save time in civil engineering practice. Papers addressing ways in which this might be done will be sought.

CALL FOR MEMBERS: Committee 3 is calling for interested persons to join the Committee and participate in its activities. Contact Ron Eck, Chairman, Committee 3, CE Division ASEE, c/o Department of Civil Engineering, West Virginia University, Morgantown, WV 26506.

Ron Eck, Chairman
West Virginia University

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BYLAWS OF THE CIVIL ENGINEERING DIVISION
OF THE
AMERICAN SOCIETY FOR ENGINEERING EDUCATION

ARTICLE I

Organization, Meetings and Amendments

- Section 1. Name
The name of the Division shall be the Civil Engineering Division of the American Society for Engineering Education.
- Section 2. Membership
Membership shall consist of all individual members of the Society who designate Civil Engineering as a divisional interest on the records of the Society.
- Section 3. Officers and Organization
The Officers of the Division shall be a Chairman and a Vice-Chairman, elected for one-year terms; a Secretary-Treasurer, elected for a three-year term; and three directors elected to three-year terms of which one shall terminate each year.
The Division shall be administered by an Executive Board composed of the officers, the immediate Past Chairman of the Division and the Chairmen of the Standing Committees of the Division.
- Section 4. Election of Officers
At the annual meeting of the Division, the newly-elected Chairman shall appoint a Nominating Committee, consisting of the immediate Past Chairman of the Division as Chairman and two members of the Division, which shall nominate at least one member of the Division for each office to be filled. This Committee

shall report to the Chairman by September 30. Additional nominations may be made by five members of the Division, and directed to the Chairman within thirty days after publication of the Nominating Committee report. All nominees must agree to serve before their names may be published.

Any unopposed candidate for office shall be considered to be unanimously elected. If more than one candidate is nominated for any office, the Secretary-Treasurer shall send ballots to all members of the Division and canvass them thirty days after the mailing date.

If a vacancy should occur in the office of Chairman of the Division, the Vice-Chairman will become Chairman. All other vacancies shall be filled by Executive Board appointment.

Section 5. Committees of the Division

The Standing Committees of the Division shall be as follows:

Committee 1 - Educational Policy

Committee 2 - Professional Practice and Relations with
Technical Societies

Committee 3 - Teaching Methods and Technical Areas

Each Standing Committee may be composed of six members appointed to three-year terms which expire at a uniform annual rate. Their terms shall begin on July 1. Nominations may be submitted to the Chairman of the Division by the members of the Committee involved and by interested members of the Division.

Special committees may be appointed by the Chairman. Only divisional committees may have a "corresponding member" duly named by the appropriate similar committee of ASCE.

Section 6. Duties of Officers and Executive Board

The Division shall be represented on the Council for Professional and Technical Education by the Division Chairman and Vice-Chairman as required by the Council Bylaws.

The new officers of the Executive Board shall assume responsibility at the Annual Conference following their election or appointment, shall initiate planning for the subsequent Annual Conference, and shall serve until their final annual program responsibilities are discharged.

The Chairman shall:

Have administrative responsibility for the conduct of all functions of the Division in accordance with these Bylaws and the policies and procedures established by the Executive Board.

Schedule, organize, and conduct the annual business meeting of the Division and all meetings of the Executive Board.

Appoint Committees in accordance with the Bylaws not later than September 30.

Compile an annual report of the activities of the Division as requested by the Council for Professional and Technical Education.

The Vice-Chairman shall:

Act for the Chairman at the annual business meeting of the Division and at meetings of the Executive Board in the event of the Chairman's absence.

Assist the Chairman as requested in the conduct of his assigned duties.

Serve as Division Program Chairman and in this capacity be responsible for planning and organization of all sessions to be sponsored or co-sponsored by the Division at the Annual Conference of the Society.

The Secretary-Treasurer shall:

Be responsible for official records and correspondence of the Division and the Executive Board.

Act as the Division finance officer.

Be responsible for conducting and canvassing ballots for officers as provided in Section 4.

Notify the incumbent chairman and all elected officers of their election immediately after their election or in no event less than 30 days prior to the Annual Conference of the Society.

Record and distribute to appropriate officers minutes of the annual business meeting and meetings of the Executive Board.

Submit copies of papers presented at the Annual Conference sessions to the Executive Board for recommendations on publication, and transmit these recommendations to the appropriate editor.

Report to the Executive Director of the Society and the Chairman of the Council for Professional and Technical Education, and other appropriate offices the status of Division finances and the proceedings of the Annual Conference sessions sponsored or co-sponsored by the Division.

Be responsible for the editing, production and circulation of the Division Newsletter.

Be the liaison between the Executive Board and the editor of the publication CIVIL ENGINEERING.

Be responsible for other Division Education publications as the Executive Board may direct.

The Editor shall:

Be responsible for the editing, production and circulation of the journal CIVIL ENGINEERING EDUCATION. Appoint the four associate editors.

The editor will be appointed for a three year term by the Executive Board.

The Executive Board Shall:

Assist the Chairman in administering the affairs of the Division as provided in Section 3 and assist the Division Program Chairman in planning and organizing the program for the Annual Conference of the Society.

Section 7. Standing Committees

Standing Committees shall normally conduct the Annual Conference sessions under the coordination of the Program Chairman and Executive Board, and shall act on matters of national interest within their purview and report to the Division at its annual business meeting. The Chairman of each committee shall be appointed by the incoming Division Chairman after consultation with the committee.

The Chairman of the Civil Engineering Division shall serve as "corresponding member" of both the Education Division Executive Division (EDEX) and the Committee on Curricula and Accreditation Division (CC&A) of ASCE. He shall have the right to name any other member of the Division to represent him in this function. The designated "corresponding member" will represent the Division at the regularly scheduled EDEX and CC&A meetings.

Committee 1 - Educational Policy

The Educational Policy Committee shall be concerned with undergraduate and graduate curricula development and accreditation, continuing education, faculty recruitment and development, and all other matters relating to educational

policy in the general scope of Civil Engineering.

Committee 2 - Professional Practice and Relations with Technical Societies

Professional Practice and Relations with Technical Societies shall establish liaison with practicing engineers and seek to interpret the needs and desires of professional practice to engineering educators. This function will generally be provided through liaison with appropriate professional and technical societies to coordinate the objectives and activities of these Societies and this Division.

Committee 3 - Teaching Methods and Technical Areas

The Teaching Methods and Technical Areas Committee shall serve as the channel for promoting and conducting meetings and discussion on teaching methods and the teaching of technical subjects.

Section 8. Meetings

An annual meeting of the Division and a meeting of the new Executive Board shall be held at the Annual Conference of the Society.

Section 9. Amendments

These Bylaws may be amended by a majority vote of the active members present at the annual business meeting of the Division.

Revised June 1, 1976
Amended June 26, 1979

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