

American Association
for Wind Engineering

THE WIND ENGINEER

Bogusz (Bo) Bienkiewicz, Editor

July 2001

In Memoriam: Dr. Dale Perry

We are sorry to inform you that Dr. Dale Perry was involved in a tragic accident that took his life on June 18, 2001.

Dr. Perry was Dockery Professor in the Department of Architecture, Texas A&M University. He was the past President of AAWE and made significant contributions in the area of wind engineering. He served on various committees of many professional organizations, including ASCE, SEI, SBCCI, ICBO, and served as Director of Research and Engineering for the Metal Building Manufacturers Association. He also served as a team leader or as a member of a number of post disaster investigations. He will be dearly missed by wind and structural engineering community.

A special tribute to Prof. Perry will be included in the next issue of the Wind Engineer.

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Americas Conference on Wind Engineering 2001

The Americas Conference on Wind Engineering 2001 (ACWE 2001) was held at the Madren Conference Center, Clemson University, in Clemson, SC, 4-6 June 2001.



Madren Golf Course and Conference Center

This conference follows a series of eight U.S. National Conferences on Wind Engineering. The scope of this meeting was broadened, to address wind issues in all of the Americas. Thus the new name of the conference.



*Local Organizing Committee (left to right):
D. Rosowsky, B. Sill, S. Schiff (Chair),
T. Reinhold, and P. Sparks*

Over 150 wind engineering researchers and practitioners participated in ACWE 2001. Technical papers were presented during 17 sessions, arranged in blocks of three concurrent sessions spread over three days. The sessions topical tracks included: Building Capacity and Mitigation, Wind Loads, Codes and Standards, Wind Characteristics and Climatology, Wind Loads on Low-Rise Buildings, Computational Fluid Dynamics, Flexible Structures, Hazard Mitigation and Education, Bridges, Tornadoes and Storm Protection, and Aerodynamics for Slender Structures. Invited Lectures were presented by T. Gibbs: "Wind Engineering in the Caribbean Disaster Mitigation Project", and by W. Peacock: "The Social Dimensions of Hurricane Mitigation". Ample time was allocated for discussions of the technical presentations. The conference program included break-out sessions, where participants engaged in discussions on a number of topics related to wind engineering.



Discussion During Lunch Break

The organizers also arranged a tour of the Wind Engineering Laboratory at Clemson University.



Tim Reinhold Describes Pressure Transducer (used in field studies) During Tour of Wind Engineering Laboratory at Clemson University

Social program included a dinner reception and a banquet. Presentations to honor late Dr. Richard D. Marshall and Dr. Robert H. Scanlan were made during the dinner. Also, the nominees and the winners of the Outstanding Wind Engineering Ph.D. Awards in Memory of Dr. Richard D. Marshall and Dr. Robert H. Scanlan were announced. The nominees were: D. Banks (Colorado State Univ.), J. K. Galsworthy (Univ. of Western Ontario), K. R. Gurley (Univ. of Notre Dame), F. L. Haan, Jr. (Univ. of Notre Dame), Z. Huang (Clemson Univ.), A. C. Khanduri (Concordia Univ.), S. K. Kumaresanniar (Concordia Univ.), D. R. Inculet (Univ. of Western Ontario), J. L. Schroeder (Texas Tech Univ.), and E. G. Sutt, Jr. (Clemson Univ.). The winners were: D. Banks (Robert H. Scanlan Award) and E. G. Sutt, Jr. (Richard D. Marshall Award).



Winners of the Best Ph.D. Dissertation Awards in Wind Engineering: D. Banks (left) and E. G. Sutt, Jr.

The two awards were established by friends of Dr. Marshall and Dr. Scanlan, to honor lives of these men by granting awards to two individuals who have recently completed an outstanding Ph.D. dissertation in the field of wind engineering. Each award included a plaque and a check for \$2,000.

No decision has been made yet regarding a host for the next ACWE. A call for proposals to host ACWE 2005 will be issued by AAWE in the near future.

Prof. Robert H. Scanlan 1914-2001



Dr. Robert H. Scanlan, a Homewood Professor in the Department of Civil Engineering at Johns Hopkins University, died on May 27 at his home in Lawrenceville, New Jersey. Professor Scanlan had a unique career that covered a broad spectrum of mechanics, aerodynamics, and acoustics, with a principal focus on aeroelasticity and wind engineering in the U.S. and abroad, and in

academe, government and industry.

Born in Chicago in 1914, Robert Scanlan received undergraduate and graduate degrees in mathematics and physics from the University of Chicago and MIT. During the Second World War he served the country as an aeronautical engineer, becoming the Chief of Aeroelasticity at Republic Aviation in New York. After the war, he worked for the Federal Aviation Administration, followed by a professorship at Rensselaer Polytechnic Institute. His work and research in aeronautics and aeroelasticity led to publication of the book *Aircraft Vibration and Flutter*, a classic text in the theory of aeroelasticity. He was one of the founders of that then new field.

After a second doctoral degree in mechanics at the Sorbonne, he served at CNRS and ONERA in France, and then returned to the U.S. where he worked for Schlumberger, followed by faculty positions at Case Institute of Technology, Princeton,

and Johns Hopkins. In his time at Princeton and Johns Hopkins, he developed his second major career emphasis, wind engineering. His prior experience in aeronautics led to the development of the field of aerodynamics and aeroelasticity of large civil engineering structures, such as high-rise buildings, cooling towers and long-span bridges, work which he continued actively until his death. He quickly rose to be recognized as one of the leaders of wind engineering. His book, *Wind Effects on Structures* (co-authored with former student Emil Simiu) is widely recognized as a key reference in the field.

For his research, he received numerous awards, prizes and citations from his peers. Among them are the James Croes Medal, the Nathan Newmark Medal, the von Karman Medal and the Wellington Prize of the American Society of Civil Engineers. Methods he pioneered for the analysis of long-span bridges under wind loading are now in common use among researchers and practitioners and around the world. He served in leadership roles on technical committees of the American Society of Civil Engineers (in which he was an Honorary Member), was a member of the National Academy of Engineering and an elected fellow of The American Academy of Mechanics. He recently served as principal aerodynamic consultant on a number of monumental long-span bridges around the world including the new San Francisco-Oakland Bay Bridge, the Golden Gate Bridge (retrofit), and the Kap Shui Mun Bridge in Hong Kong.

Bob Scanlan served throughout his career as an exemplary scholar, engineer, teacher, adviser, mentor, friend and role model for dozens of undergraduate and graduate students, and for his colleagues. He is survived by his wife Elizabeth, daughters Kate Budlong of Los Angeles and Jean Sachs of Frankfurt, Germany, sons Robert Scanlan of Boston and Glenn Scanlan of Hartford, eight grandchildren and two great-grandchildren.

MINUTES OF MEETING OF AAWE BOARD OF DIRECTORS 3 June 2001; Venue: The Madren Conference Center and Inn, Clemson, SC

Board Members Present: Mike Gaus (President), Bo-

gusz Bienkiewicz (Vice President), Art Chiu, Tony Gibbs, Joe Golden, Ahsan Kareem (Immediate Past President), Partha Sarkar (Secretary/Treasurer), Tom Smith. *Visitors:* Leighton Cochran, Daan Liang, Jim McDonald, and Kishor Mehta (Past President, AAWE).



Participants of the AAWE Board Meeting

Introduction and Overview

The AAWE Board Meeting started at 1:11 p.m., on Sunday, June 3, 2001. Mike Gaus, AAWE President, introduced the participants, handed out copies of the most recent issue (May 2001) of the AAWE Newsletter and presented a brief overview of recent activities of AAWE.

AAWE Website was moved from a server at State University of New York (SUNY) at Buffalo to a server at a commercial internet service provider, Interland of Georgia. A contract agreement between AAWE and Interland calls for a service to be provided by Interland, over a two-year period, at a cost of \$450. So far, Interland has provided a stable environment for the AAWE and a user friendly interface, which allowed for an easy update of the site by M. Gaus and his assistant (a graduate student from SUNY at Buffalo).

M. Gaus and P. Sarkar continue their effort to clarify legal status of AAWE, with authorities of the state of Colorado (where AAWE was originally incorporated as a non-profit corporation - the Wind Engineering Research Council, Inc.) and with IRS.

In view of retirement of M. Gaus from SUNY Buffalo, it was moved by M. Gaus and approved by the Board that the e-mail address of AAWE be changed from `gaus@eng.buffalo.edu` to

aawe@aawe.org. In addition it was moved that the (surface mail) address of AAWE be changed to:

American Association for Wind Engineering
 c/o Dr. Partha P. Sarkar
 Dept. of Aerospace Eng. & Eng. Mech.
 2271 Howe Hall, Rm. 1200, Iowa State
 University, Ames, IA 50011-2271

Current AAWE Membership and Financial Status

Partha Sarkar, AAWE Secretary/Treasurer, distributed tabulated information on current AAWE individual and corporate memberships. As of June 2, 2001, the AAWE membership was as follows: 116 individual members (this includes 6 student members) and 6 corporate members. This statistics exhibits an overall increase in the AAWE membership, when compared with the membership reported during the previous meeting of the AAWE Board in November, 2000: 89 individual members and 3 corporate members. Since each corporate membership allows for enrollment of up to 5 members, it can be said that the current overall AAWE membership is 146 (130 + 6*5). It is expected that the AAWE membership may increase as a result of an option for enrollment in AAWE at a reduced fee, offered to participants of the Americas Conference on Wind Engineering 2001, Clemson, NC, June 3-6, 2001.

Current AAWE membership term ends in December 2001. Membership applications received until June 30, 2001, will lead to renewal of the 2001 membership. Those received after the above cut-off date will result in renewal of the membership from January through December of 2002.

The current funds of AAWE are a follows

AAWE checking account	\$15,727.47
AAWE interest (5.63%) bearing account	\$13,784.35
<hr/>	
TOTAL	\$29,511.82

As a reference, the total AAWE funds reported during the past meeting of the Board, in November 2001, were approximately equal to \$30,000. Thus over the past 6 months, the AAWE income off-set costs of the AAWE activities.

It was moved by A. Chiu, seconded by P. Sarkar

and approved by the Board that \$10,000 be transferred from AAWE checking account to AAWE interest bearing account.

M. Gaus noted that cost of printing and mailing of the AAWE Newsletter is approximately equal to \$450 per a bi-monthly issue.

It was moved by B. Bienkiewicz and seconded by T. Gibbs that the individual membership dues be increased from \$40 to \$50. In a discussion that followed, Board members and guests participating in the meeting discussed various options that could be implemented to offset current and anticipated increases in operational costs of activities of AAWE. It was concluded that the proposed one-time increase would be a preferred option and it should provide sufficient reserves to offset (current and anticipated in the near future) increases in operational costs of AAWE activities. After a considerable discussion, the Board unanimously approved the motion to increase the individual dues from \$40 to \$50, effective January 2002.

Modification of AAWE Bylaws

A draft of the modified AAWE Bylaws was published in the May 2001 issue of the AAWE Newsletter. The Bylaws modifications were developed by the Bylaws Committee, consisting of J. Cermak (Chair), A. Chiu and J. Golden. A. Chiu and J. Golden informed the Board that the proposed draft of the modified Bylaws is the result of 4 iterations, incorporating feedback from a number of reviewers of the Bylaws and extensive discussions involving the Committee members. A. Chiu informed the Board that J. Cermak (who did not attend the current meeting) is in support of the proposed modified Bylaws.

In summary, the main modifications of the Bylaws address the following three items: (1) Change in name – from Wind Engineering Council, Inc. to American Association for Wind Engineering (AAWE); (2) Change in tenure of the AAWE President from 4 to 2 years; and (3) Activation of a position of President-Elect and definition of responsibilities associated with this position.

A motion to approve the proposed modified Bylaws, was proposed by A. Chiu, seconded by J. Golden and approved by the Board. M. Gaus will implement (via e-mail) a vote on the Bylaws by the AAWE members.

AAWE Newsletter and other Publications

B. Bienkiewicz informed that, since the last meeting of the Board, in November 2000, four bi-monthly issues of the AAWE Newsletter have been published. The fifth issue (to be released in July 2001) is currently being prepared. The printed version of the Newsletters is distributed via surface mail to all the AAWE members and additional approximately 150 recipients, including selected members of Congress and their staff, as well as a number of federal agencies and other U.S. organizations. B. Bienkiewicz asked Board for their feedback regarding content of the Newsletters. In a discussion that followed, the issue of balance between technical, non-technical, and political content of the Newsletters was addressed. A difficulty in recruitment of authors of potential contributions on technical topics, to be published in the Newsletters, was recognized. B. Bienkiewicz stated that his objective has been to sustain the 12-page bimonthly format of the newsletter. This objective and limited material available for inclusion in the Newsletter led, at times, to somewhat unbalanced content of a particular issue of the Newsletter. Mailing and distribution of the Newsletter was coordinated by M. Gaus. Overall, the Board expressed a high level of approval of the Newsletter editorial/distribution effort by B. Bienkiewicz and M. Gaus.

It was suggested by the Board that future issues of the Newsletter be forwarded to leadership of wind engineering associations/societies in other countries and geographical regions, including Japan, Australia and Europe. This might lead to initiation of formal reciprocal contacts/exchange between AAWE and such organizations. M. Gaus will initiate this process.

B. Bienkiewicz reported on his effort to develop an updated version of the AAWE flyer. He has modified an earlier version of the flyer, provided in an electronic by P. Sarkar. A flyer printed using color laser printer and commercially available pre-cut (for folding) paper offers visually attractive and economical option, which allows for easy updates and "just-in-time printing" of the flyer by any AAWE member. The developed flyer will be forwarded electronically for the Board members for their comments and approval. New photo images to be included in the flyer will be sought. A limited

(reasonable) number of copies of the approved version of the flyer will be printed and a pdf file containing the flyer will be made available to general public via the AAWE website.

P. Sarkar informed that he and M. Gaus are working on an update of the 1998 AAWE Membership and Information Directory.

B. Bienkiewicz pointed out that there exists an urgent need for fact sheets, to be developed and released by AAWE. Topics for a five fact sheets were proposed during the Board Meeting held in November 2000, see the meeting minutes published in the November 2000 issue of the AAWE Newsletter. B. Bienkiewicz requested that Board members provide materials for two fact sheets, addressing two topics: (1) Lessons Learned from Wind Damage; and (2) Economics of Wind Damage and Mitigation. It would be desirable to have a draft version of these fact sheet completed by July 15, 2001.

The format of such fact sheets might be similar to that of fact sheets developed by the Natural Hazards (Senate) Caucus Working Group. B. Bienkiewicz shared with the Board samples of the fact sheets developed by this group.

L. Cochran informed the Board about activities of ASCE technical subcommittee, he chairs, which are focused on the development of a wind engineering booklet, that might be useful in development of the above fact sheets. He also pointed out that a recently published book "Storms" contains a lot of information in a format suitable to be utilized in the development of this material.

Golden offered to supply photographs illustrating severe weather phenomena.

Nominating Committee for AAWE Officers and Board Members

It was moved and approved that a Nominating Committee for AAWE Officers and Board Members, consisting of former presidents of AAWE be formed. The committee will recommend candidates for the above positions. The ballot preparation, voting by AAWE and vote count should be scheduled so that the new AAWE Officers and Board Members take office on January 1, 2003.

M. Gaus reminded the Board that his term as President of AAWE expires on December 31, 2002.

Next Americas Conference on Wind Engineering

The Board discussed the need for an early initiation of preparations for the next Americas Conference on Wind Engineering, to be held in 2005. Advantages and disadvantages of a possible site for the next conference outside of the U.S. and North America were discussed. It was suggested that an ad-hoc committee be formed to continue a discussion on these issues and on the overall scope of the future conference. As a next step, it was suggested that a call for pre-proposals for organization of the conference be issued by AAWE in late 2001. This solicitation will be announced in the AAWE Newsletter and on the AAWE web site.

Update on Congressional Activities

M. Gaus provided brief review of developments leading to the establishment of the National Earthquake Hazards Mitigation Program. K. Mehta pointed out that ASCE leadership of the Wind Hazard Mitigation Coalition is advantageous, in view of wide recognition and clout of ASCE.

B. Bienkiewicz provided an update on recent initiatives by the Coalition. During the past meeting of the Coalition, held in Washington, D.C., on May 22, 2001, J. Turner, of U.S. House Science Committee, informed about renewed interest (in the House) in re-introduction of a bill to establish the National Windstorm Hazard Reduction Program. B. Pallasch, of ASCE, proposed organization of a briefing, for congressional staff, to provide information on wind hazard, hazard mitigation and activities of the Wind Hazard Mitigation Coalition. A number of possible speakers were suggested. A tentative date for the briefing was set to be June 13, 2001. It was recommended that the briefing take place in one of conference rooms in the Raybourn House Office Building. Final arrangements were to be coordinated by B. Pallasch. It was moved and approved by the Board that AAWE provides partial financial support for the planned or possible future briefing, with the total amount not to exceed \$500.

B. Bienkiewicz briefly described recent activities of the Senate Caucus on Natural Hazards and the Caucus Workgroup. Since the last meeting of the Board, the Workgroup organized a number of briefings and other events to promote the Caucus. Information about the Caucus, Workgroup and their activities was published in the AAWE Newsletter. B.

Bienkiewicz will continue to serve as AAWE liaison with the House Wind Hazard Reduction Coalition and Caucus, and with the Senate Natural Hazards Coalition and Workgroup. He will provide periodic updates on Congressional activities to the AAWE Board and members.

Report by Board Members and Guests

K. Mehta informed about development of By-Laws of the International Association for Wind Engineering.

T. Gibbs informed the meeting about funding possibilities for future AAWE activities outside the USA and its overseas territories (US Virgin Islands, Puerto Rico, Guam). FEMA's remit is generally limited to those places. But the United States Agency for International Development (part of the State Department) does fund solely non-USA activities.

T. Gibbs suggested that AAWE should be proactive in development of proposal(s) for funded work to be carried out/coordinated by AAWE.

Board discussed the issue of the need for development of proposal(s) to provide financial support for students attending wind engineering conferences.

J. Golden pointed out that AAWE should develop links with AMS, through participation in and development of sessions for AMS meetings.

Follow-up of Strategic Planning

Progress in achieving goals of the short-term action plan (developed during the strategic planning exercise in November 2000) was discussed. A summary of this assessment is as follows:

- Continue participation in organization of wind engineering conferences (once every four years) – in progress, retain;
- Actively participate in Congressional initiatives geared towards establishment of the National Wind Hazard Reduction Program – in progress, retain;
- Significantly increase AAWE membership, with special attention given to corporate membership drive – in progress, retain;
- Prepare specialty reports (starting with one report per year) – lack of progress, delete;
- Organize seminars addressing identified wind engineering issues of interest to civil engi-

- neering practitioners (once per year) – in progress, retain;
- Form AAWE Technical Committees – lack of progress, retain;
- Publish AAWE Newsletter on a regular basis, to provide timely information and nurture sense of community among the AAWE members – achieved, continue;
- Update AAWE brochure to provide information on AAWE objectives and goals – in progress, retain.
- Sustain/intensify promotional activities of AAWE as a spokesman for wind engineering community, during interaction with Congress and federal funding agencies (with initial focus on NSF) – in progress, retain;
- Develop cooperative agreements of with international wind engineering associations in Australia, Great Britain, Japan, and other interested countries/regions – lack of progress, retain.

- (a) Research needs for Codes
- (b) Future Basic Research needs
- (c) Lessons Learned from Damage
- (d) Examples of Wind Engineering Problems and Solutions
- (e) Economics of wind damage

As stated during the strategic planning exercise (in November, 2000), the acts sheets would have multiple applications. Its main use would be to promote wind engineering and to inform general public, legislators, funding agencies and practitioners about potential economic benefits of wind engineering research and practice, and its ultimate nationwide impact on reducing material and human loses due to wind and associated water hazards.

AAWE Awards

The Board noted that two awards have been established to recognize excellence of recent Ph.D. dissertations. Recipients of these awards will be recognized during the Americas Conference on Wind Engineering 2001.

The Board also discussed the status of AAWE Technical Committees proposed in November 2000:

- Congressional Relations (B. Bienkiewicz, contact person)
- Relations with Funding Agencies (A. Kareem, contact person)
- Individual and Corporate Membership (P. Sarkar, contact person)
- Newsletter Publication (B. Bienkiewicz/M. Gaus, contact persons)
- Business Plan (J. Minor, contact person)
- Seminar Activity (T. Smith, contact person)
- Strategic Planning (vacant)
- Awards Committee (vacant)
- Past President Committee (A. Kareem, contact person)

Other business and Task Assignment

T. Smith provided an update on his initiative to organize a technical seminar on wind effects on building envelope, sponsored by AAWE, to be presented in conjunction with a meeting of AIA. Various aspects of this initiative (possible topics, fees, speakers, honorariums, etc.) were discussed by the Board.

Open Forum

The need to develop AAWE awards and financial resources to support them on a regular basis was recognized. The awards should recognize contributions to wind engineering, of both academic and professional nature. The Board charged M. Gaus to appoint ad hoc Awards Committee to develop plan of action in this area.

None of the above committees has been officially formed yet. The need for getting AAWE members engaged in AAWE initiatives, through participation in the committees, was reiterated and Board urged action focused on this item.

In addition to the above, the Board reiterated the need for timely development of "Fact Sheets" on the following topics relevant to wind engineering:

A. Kareem informed the Board about an initiative undertaken by the ASCE Engineering Mechanics Division to establish J. E. Cermak Research in Wind Engineering Award.

Severe weather awareness initiative in public media and the need for development of AAWE database listing wind engineering experts willing to interact

with local Weather Service personnel and media were discussed.

T. Smith suggested that a list of former AAWE Presidents and Officers be posted on the AAWE web site.

A possibility for organizing by AAWE of a symposium commemorating 10th anniversary of 1993 Hurricane Alicia was discussed. One of discussed option was to couple this symposium with the International Conference on Wind Engineering, scheduled to be held in 2003 at Texas Tech University.

Closing Remarks

M. Gaus thank the AAWE Board and visitors for their participation in the meeting and valuable contributions.

Adjournment and Next Meeting of the Board

The meeting was adjourned at 5:50 p. m. The next meeting of the AAWE Board of Directors was tentatively scheduled to take place on Sunday morning, October 14, 2001, during the ASCE National Convention, in Houston, Texas.

Briefing in U.S. House of Representatives on Wind Hazard Mitigation

A Congressional briefing on wind hazard and wind hazard mitigation was held on 13 June 2001, on Capitol Hill, in Rayburn House Office Building, in Washington, DC. The briefing was organized by the Wind Hazard Reduction Coalition. The objective of the briefing was to provide an update to Congressional staff on the latest information on economic impact, emergency management, evacua-

tion and sheltering, wind and flood threads, mitigation efforts and future research needs. Introductory remarks were presented by Rep. D. Moore (D-KS), one of cosponsors of a bill introduced last year in U.S. House of Representatives, calling for establishment of the National Windstorm Hazard Reduction Program. B. Pallasch, Director of ASCE Office of Governmental Relations and Coordinator of the Wind Hazard Reduction Coalition, briefly described activities of the Coalition and introduced three invited speakers: Dr. S. Leatherman, Director of International Hurricane Center at Florida International University, Dr. Marc Levitan, Director of Hurricane Center at Louisiana State University, and Dr. K. Mehta, Director of Wind Science and Engineering Research Center at Texas Tech University.



S. Leatherman, of Florida International Univ.

The speakers covered a broad range of topics addressing various aspects of hazards due to wind and other related phenomena (e.g. flooding) and hazards mitigation. They also described their involvement in research, education and service in the above areas. The speakers expressed strong support for establishment of the National Wind (>p.11)



Rep. D. Moore (left) and B. Pallasch



M. Levitan, of Louisiana State Univ.

AMERICAN ASSOCIATION FOR WIND ENGINEERING

www.aawe.org

E-mail: aawe@aawe.org

Tel: 716-645-2114 x-2410

Fax: 716-645-3733



**American Association
for Wind Engineering**

OBJECTIVES

The American Association for Wind Engineering (AAWE) was established in 1966. The objectives of AAWE are: (1) the advancement of the science and practice of wind engineering and (2) the solution of national wind engineering problems through transfer of new knowledge into practice.

CURRENT OFFICERS

President: M. P. Gaus (SUNY at Buffalo)

Vice President: B. Bienkiewicz (Colorado State Univ.)

Secretary/Treasurer: P. Sarkar (Iowa State Univ.)

Board of Directors: A. Chiu (Univ. of Hawaii), T. Gibbs (Consulting Engineers Partnership LTD), J. Golden (NOAA), T. L. Smith (T. L. Smith Consulting, Inc.), A. Kareem (Univ. of Notre Dame).

WHY YOU SHOULD JOIN:

AAWE provides networking opportunity with U.S. wind engineering community through regular and special publications, e-mail communication, internet resources, and technical meetings.

HOW TO JOIN

Fill-in the Membership Application/Renewal Form and forward it to AAWE Secretary/Treasurer. For more information visit AAWE web site or contact Mike Gaus (aawe@aawe.org) or Bo Bienkiewicz (bogusz@engr.colostate.edu).

Get involved in formulating
National Wind Hazard Reduction Program

Please Post

AMERICAN ASSOCIATION FOR WIND ENGINEERING

www.aawe.org
E-mail: aawe@aawe.org
Tel: 716-645-2114 x-2410
Fax: 716-645-3733



**American Association
for Wind Engineering**

Membership Application/Renewal Membership Year: January 2002—December 31, 2002

Dues (Check appropriate category):

Individual Membership: \$50____, Student \$10 ____

Corporate Membership; \$500 or more: ____ . Corporate membership can include up to five individual members. Complete one form for each individual member.

Please make checks or other payments (in U.S. \$ equivalents only) payable to American Association for Wind Engineering and mail to:

Dr. Partha Sarkar, Dept. of Aerospace Engr. & Engr. Mechanics
2271 Howe Hall, Room 1200, Iowa State University, Ames, IA 50011-2271
E-mail: ppsarkar@iastate.edu, Tel: 515-294-0719, Fax: 515-294-3260

Name: _____
Title: _____
Affiliation _____
City _____ State/Zip _____
Country _____
Ph: _____ Fax: _____
E-mail _____

Your Wind Engineering Interests _____

Hazard Reduction Program. A question-and-answer session followed the presentations. An audience of over 50 persons actively participated in the discussion.



K. Mehta, of Texas Tech Univ.

Two fact-sheets: “Wind Hazard Reduction: Lessons Learned” and “Tornadoes: Terror of the Heartland” were distributed during the briefing. Follow-up future briefings and other events are planned by the Coalition. For further info regarding the Coalition please contact B. Pallasch, E-mail: bpallasch@asce.org.

From the Editor

Contributors to this Newsletter:

S. Schiff, Clemson University, *Photos from ACWE 2001.*

N. Jones, Johns Hopkins University, *Robert H. Scanlan 1914—2001.*

Submission of materials for articles in the Wind Engineer is welcome. Please forward your contributions to: bogusz@enr.colostate.edu.

Wind Engineering and Related Conferences - July 2001 Update

AUGUST 19 - 24

Pre-World Congress on Disaster Reduction Summit Meeting, Washington, D.C., USA

Contact: M. Cassaro

E-mail: macass@aye.net

http://www.asce.org/conferences/disaster2001

SEPTEMBER 3 - 5

International Workshop on Physical Modeling of Flow and Dispersion Phenomena, Hamburg, Germany

Contact: Prof. M. Schatzmann

E-mail: schatzmann@dkrz.de

http://www.mi.uni-hamburg.de/physmod2001

OCTOBER 18-20

UNESCO Workshop at the Institute for Catastrophic Loss Reduction, London, Ontario, Canada

Contact: Dr. S. Simonovic

E-mail: simonovic@uwo.ca

OCTOBER 21-26

5th Asia-Pacific Conf. on Wind Engineering. (APCWE V, formerly APSOWE V), Kyoto, Japan

Contact: APCWE V Secretariat

E-mail: apcwe5@brdgeng.gee.kyoto-u.ac.jp

http://wwwsoc.nacsis.ac.jp/jawe/apcwe5

OCTOBER 25

Natural Disaster Roundtable - “Climate Variability and Natural Disasters”, Washington, D.C., USA

Contact: Patricia J. Kenshaw

E-mail: pkershaw@nas.edu

http://national-academies.org/naturaldisasters

2002

APRIL 4-6

ASCE/SEI Structures Congress & Exposition Denver, CO, USA

E-mail: fcharney@schnabel-eng.com

http://www.asce.org/conferences/structures2002

MAY 21– 25

3rd East European Conference on Wind Engineering, Kiev Ukraine

E-mail: vgr@ihm.jiev.ua

May 30-31

Hurricane Andrew 10-Year Anniversary Conference Miami, FL, USA

Contact: R. Alvarez

E-mail: alvarez@fiu.edu

http://www.ihc.fiu.edu

AUGUST 21-23

2nd International Symposium on Advances in Wind and Structures (AWAS'02), Taejon, Korea

E-mail: technop@chollian.net

2003

MAY 29-JUNE 1

ASCE/SEI Structures Congress & Exposition Seattle, WA, USA

Contact: C. W. Roeder

E-mail: croeder@u.washington.edu

JUNE 2-5

11th International Conference on Wind Engineering Lubbock, TX, USA

Contact: K. Mehta

E-mail: 11icwe@wind.ttu.edu

http://www.icwe.ttu.edu

**AMERICAN ASSOCIATION FOR WIND ENGINEERING
WWW.AAWE.ORG**

c/o Department of Civil Engineering, Room 212 Ketter Hall
Univ. at Buffalo Tel: 716-645-2114, X-2410
State University of New York Fax: 716-645-3733
Buffalo, New York 14260-4300 E-mail: aawe@aawe.org

President

Dr. Michael P. Gaus
Dept. of Civil Engineering
University at Buffalo
State University of New York
Buffalo, NY 14260-4300
E-mail: gaus@eng.buffalo.edu

Vice-President:

Dr. Bogusz (Bo) Bienkiewicz
Wind Engr. & Fluids Laboratory
Dept. of Civil Engineering
Colorado State University
Fort Collins, CO 80523
E-mail: bogusz@engr.colostate.edu

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Dept. of Aerospace Eng. & Eng. Mechanics
Iowa State University
E-mail: ppsarkar@iastate.edu

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E-mail: achiu@hawaii.edu

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Dr. Joseph Golden
National Oceanic and Atmospheric Administration
E-mail: jgolden@fsl.noaa.gov

Mr. Thomas L. Smith
T. L. Smith Consulting, Inc.
E-mail: TLSMITH@XTA.com

Dr. Ahsan Kareem, Past President
University of Notre Dame
E-mail: kareem@nd.edu



Objectives:

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The solution of national wind engineering problems

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American Association for Wind Engineering
c/o Dept. of Civil Engineering
Room 212 Ketter Hall
University at Buffalo
State University of New York
Buffalo, NY 14260-4300