



# Contents

1.	Civils dynamics gijima .....	1
2.	@ Home @ SAICE house .....	2
3.	SAICE on top .....	2
4.	Topical talk .....	7
5.	Longitudes & latitudes.....	9
6.	Branches, Divisions, committees .....	11
7.	Sincerely yours .....	11
8.	Rubbing shouders.....	14



Private Bag X200  
Halfway House  
1685

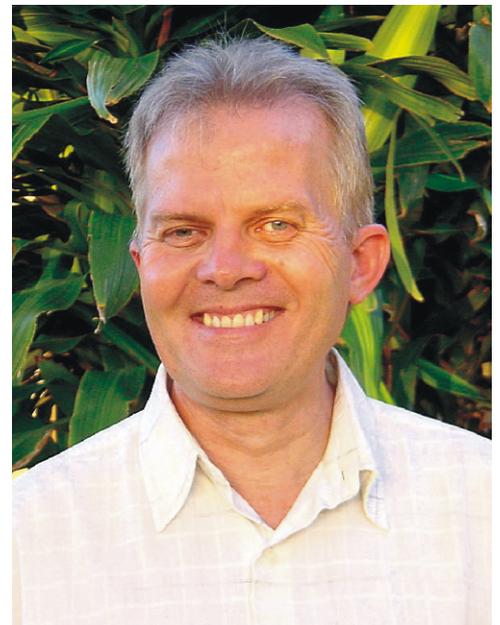
Tel: +27 11 805 5947  
Fax: +27 11 805 5971

SAICE House  
Block 19  
Thornhill Office Park  
Bekker Street  
Vorna Valley  
Midrand

E-Mail : [civilinfo@saice.org.za](mailto:civilinfo@saice.org.za)  
Website : [www.civils.org.za](http://www.civils.org.za)

VAT Registration Number:  
4900110661

Neil Macleod - SAICE President 2007



## Civils dynamics gijima

### A message from the Executive Director

When one has to write a review for SAICE it is difficult to decide what to include and what to leave out. The civil engineering profession has forever been a place where a dull moment is not to be found.

And in the case of SAICE, which is riding a crest of visibility and credibility, there is much to be thankful for. The visions and dreams of the past 20 years or so are surpassed by successful reality. We salute those civil soldiers who went beyond the call of duty to realize the dreams.

But the struggle continues. When I visited relatives in the Netherlands in the middle nineties, I was bold enough to make an appointment with the Dutch engineers at KIVI who is the Koninklijke Instituut vir Ingenieurs. I was confident that they would assist me with finding support for our capacity building programmes of the time. Needless to say, I was disappointed to discover that they were still basking in the afterglow of 1994 and thought that the NEW SOUTH AFRICA was a place where everything miraculously turned OK. I told them that if they thought that the struggle was over, they were making a serious mistake – **the struggle had just started.**

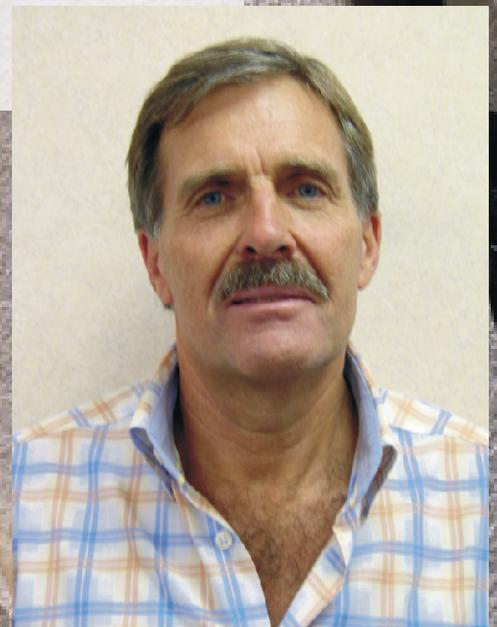
Today the struggle is alive and well in the race to provide the skills that South Africa so dearly needs. To be a global player in the local scene comes at a price. For SAICE the price has been high but the results are sweet. The high profile that was achieved by Numbers and Needs and the Infrastructure Report Card is still around us and the intensity of engaging with decision makers is increasing all the time. The most gratifying result is that our Government is engaging and appreciates the work done.

For SAICE and its leaders and its members there is still much to do. It takes courage and substantial resources to continue. Although our resources in terms of voluntary contributions are limited, we are achieving far above the norm.

#### **The struggle continues.**

My sincere appreciation to all my colleagues and compatriots for their continuing support along the road of South Africa and SAICE for the good of our communities that we serve. The Civils Team is great!

Dawie Botha



## @ home @ SAICE House

### Building

SAICE House in Midrand continues to prove that the institution has made the right move at the right time. This investment in property and in the future is currently appreciating in value beyond expectations. The cash and operational funds of the institution are put to good service by using it to keep the access bond fully paid up.

The facilities are very well utilized although there is some pressure in terms of space. The SAICE archives had to be moved to a commercial firm specializing in off-site storing facilities.

### Administration

The renting out of the excess office space as a conference facility falls under Administration and is proving to be profitable. SAICE House provides a small but excellent conference/workshop/meeting facility with data projectors and an adequate sound system. There are two conference rooms, one of which can be divided into two smaller sections. A well-equipped kitchen makes for easy catering for in-house and outside caterers. The well-appointed offices provide an environment conducive to productive and happy working hours.

During this year the staff occasionally came under pressure but rose to the challenge to maintain the levels of service to which our members are accustomed, especially with Norma Byleveld who joined the Administration team.

## SAICE on top

### Awards and accolades

#### President's Award

At the AGM on 17 April 2007 the SAICE 2006 President's Award was made to Spencer Hodgson for his courageous, innovative and dedicated leadership in construction industry development, and for his role as the first Chief Executive of the Construction Industry Development Board (2000 - 2006).

#### Members' Function

At the members' function on 20 February, Neil Macleod's inaugural presidential address 'A time of opportunity for Civil Engineering in South Africa' was well received. No nominations were received for the Honorary Fellow Award. The 2006 SAICE award for meritorious research went to researcher Kevin Wall with research project: The CSIR Research on Infrastructure Asset Management.

#### AWARDS: Excellence and innovation in civil engineering

SAICE announced 'The Most Outstanding Civil Engineering Project Achievements for 2006' during their annual Awards Ceremony in Midrand on 2 October 2007. The three prescribed categories are community-based, technical excellence and



international projects. This year Sanlam Cobalt once again provided the prize-money for the SAICE SMART AWARDS, which is being awarded for innovation by individuals in the civil engineering field. They will continue to be involved as sponsors.

The winners of the 2006 SAICE 'Most Outstanding Civil Engineering Project Achievements' were:

- **Community-based projects Winner:** The Community Bridge across the White Mfolozi River at Qwasha in the Ulundi district in KwaZulu-Natal
- **Commendation:** The Makwane Roads Project, an EPWP where 13 km of existing provincial road was upgraded
- **Technical Excellence projects Winner:** The Durban Harbour Tunnel. In a first of its kind in South Africa, a soft ground tunnel was constructed through saturated, marine sediments
- **Commendation:** The Mariannahill Landfill Conservancy in eThekweni (Durban) is the first landfill conservancy in Africa
- **International Projects:** No awards were made



The Durban Harbour Tunnel

The winner of the best presentation was Gary Hooper who submitted the Tsitsa River Bridge project.

### The SMART AWARDS

This award was established to satisfy the need to award not only projects but individuals who come up with SMART solutions to problems or innovative inventions. This year the SMARTest innovators were:

- **Winner:** Kelvin Legge for Enhanced Barrier System
- **The first runner-up:** Corrie Meintjes for Mkomaas River Pedestrian Bridge
- **The second runner-up:** Adrian Peirson and Peter Bosman for TowerBoost



'Enhanced Barrier System'

The projects have to be SMART in the sense of

- S=sustainable
- M=magnificent thinking – innovation
- A=amazing solution
- R=right for the time and place
- T=truly and proudly Civils South Africa

The SMART AWARDS look towards individuals who are combining SMART in an idea, design (large/small/component of a project), construction, maintenance (small objects, facilities or projects), urban/rural environment and academic/applied or industrial research. The award can be given to a component of a huge project or for a singular device/regime, etc. that could for instance revolutionise maintenance of roads/dam walls, etc.

The SMART Awards are aimed at creating high levels of awareness of the benefits

associated with innovative thinking and practical solutions and applications in the field of civil engineering. It is made to an individual or a group of individuals in recognition for extraordinary achievements.

#### Photographic competition



'Drilling holes'

The winners of the annual SAICE photo competition were: Winner: Entitled 'Drilling holes', the photo was taken by Kevin Wright and submitted by Dr Barbara Jensen. First runner-up: Entitled 'Construction Reflection', the photo was taken by Eduard de Wet and entered by Johan Gillmer. Second runner-up: Entitled 'Klein Karoo Opera House', the photo was taken and submitted by Jasper van Breda.

#### Bridge Building Competition

The SAICE International Bridge Building Competition is a most successful competition, reaching approximately 600 schools annually! This competition for high school learners was established some 18 years ago and is still going strong. The competition creates awareness of civil engineering for the learners, educators and the general public. The finals were held at the St Alban's College in Pretoria, Gauteng, on 31 August 2007. Winning teams received substantial cash prizes. The teams were taken to see "The Buddy Show" at the Barnyard Theatre. Of course the learners thoroughly enjoyed the outing. BKS provided the major sponsorship for the event and they will continue to do so in 2008. A heartfelt thank you to them for their support!

#### Winners



St John's College

During this very exciting contest the St Johns College from Zimbabwe proved to be just too much for their competition! Their bridge withstood 62,5 kg before it succumbed to the load! Second was George Campbell high School, Durban and in the thirds spot was Hoër Tegniese Skool Daniël Pienaar from Uitenhage. Regional finals are organised by the SAICE Branches countrywide. The finalists from all the regions then compete for the much sought after shield, the cash prize for team members and their schools. Seventeen schools from across South Africa, as well as from Namibia and Zimbabwe, competed in the finals this year. Heartiest congratulations to these teams.

#### Rand Water-SAICE Centenary Schools Water Competition

The mutually beneficial competition for high school learners was established when both Rand Water and the South African Institution of Civil Engineering (SAICE) celebrated hundred years of existence in 2003, as part of their centenary celebrations.

The Rand Water-SAICE Centenary Schools Water Competition regional



competitions were held in a number of branches. This competition affords SAICE branches and members the opportunity to use these events as career guidance tools and to encourage learners to become the civil engineers of the future. The finals were held at the Sci-Bono Discovery Centre in Newtown, Johannesburg on 16 March 2007 as an introduction to National Water Week. Throughout the year other career guidance opportunities are also used to create awareness regarding civil engineering.

Winners of the regional competitions came to Johannesburg from among other, Bloemfontein, Cape Town, George, Richards Bay to battle the local winners for top honours. Learners from five of the schools were flown to Johannesburg on the Thursday, an experience that these young people (and some of the educators) will never forget! For most this was their first experience of the 'big city'. The teams were also taken to the Montecasino complex, with its distinctive architecture, for dinner. As an unexpected bonus, festivities for celebrating St Patrick's Day were in full swing and everybody enjoyed the 'march of the bagpipe band'!

#### Winners

The Isolesizwe High School from Mtubatuba in KwaZulu-Natal came first with 70 penalty points, the best result since the start of the competition in 2003. Second was the team from Lofentse Girls High School in Soweto with 120 points and third Wittedrift Hoërskool close to Plettenberg Bay with 130 penalty points. The first prize of R4 500-00 is to be shared by the team with their school getting R2 000-00. A total of R15 000-00 worth of prize-money was up for grabs. A team member from the Cape Academy, in fact, decided to follow a civil engineering career and is currently studying at the University of Cape Town!



Isolesizwe High School

Both the SAICE competitions received coverage on radio, as well as in various newspapers and magazines.

#### SAICE Prestige Speakers' Forum

This year the event fell by the wayside due to a very full programme. However, negotiations are in place for the 2008 event.

#### Media coverage

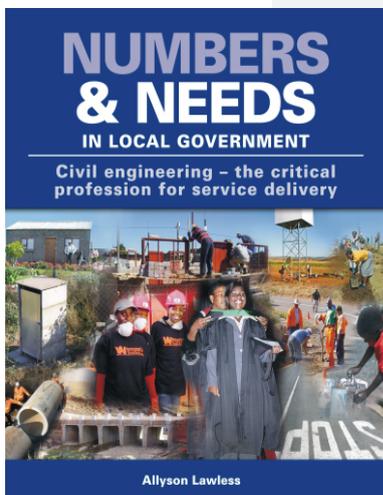
Again SAICE experienced a particularly interesting media year in view of the exposure which 'Numbers & Needs: Addressing imbalances in the civil engineering profession' continued to generate. The theme was once more the lack of civil engineering skills at all levels and the resulting lack of appropriate service delivery. Interviews on radio and articles in the print media, as well as reaction from national and provincial government, testified to the concern about the lack of skilled civil engineering professionals in all spheres of the industry. This

year again had its share of protests against the lack of or inadequacy of service delivery in various towns, which created more media interest in the situation.

Communications undertook the task of sending a copy of “The SAICE infrastructure Report Card for South Africa: 2006”, accompanied by an explanatory letter, to every relevant national and provincial government department (Ministers, Deputy-Ministers, MECs and D-Gs), as well as other government structures and organisational components, executive mayors of the metropolitan municipalities and other stakeholders. The response was really heartening.

The very valuable ‘SAICE Infrastructure Report Card for South Africa’, continued to have a major response from the media and is still as relevant as the day it was launched. Even at this stage, more than a year after its launch, Dawie Botha, Sam Amod and Kevin Wall are still in the thick of especially newspaper/magazine interviews. With the initial media reaction and the continued exposure generated the monetary value of the coverage must be well in excess of a million rand.

Furthermore, SAICE received some coverage in the regional newspapers and even regional radio stations on the presidential visits, enhancing SAICE’s image in our Branches.



And then came the release of Allyson Lawless’ publication “Numbers & Needs in local government: addressing civil engineering – the critical profession for service delivery”, which was launched at the UNESCO International Workshop: Engineering for Poverty Eradication and the MDGs, held at SAICE House, Midrand in late November last year. It immediately grabbed the media’s attention. The publication’s full print would only be available in February 2008. Continued media attention is very evident in 2008. Allyson Lawless is currently dispatching copies of the publication accompanied by an explanatory letter to every relevant national and provincial government department (Ministers, Deputy-Ministers, MECs and D-Gs), as well as other government structures and organisational components, municipal managers, executive mayors of the metropolitan municipalities and local authorities and other stakeholders.

The full impact of this unique publication will however only be realised once “Numbers & Needs in local government: Addressing civil engineering – the critical profession for service delivery” are studied by all these stakeholders. As Lawless stated, “This document covers extensive research on the challenges of service delivery in local government and the suggested interventions that will effect a turnaround, which are both feasible and achievable.”

She continued, “There is no alternative for South Africa but to build a strong third tier of government – local government.”



According to Lawless, South Africa has a limited window of opportunity of five to possibly ten years to turn around the skills decline and transfer expertise. This period relates to the fact that the majority of experienced civil engineering professionals are in their late fifties and older. South Africa must harness their expertise to transfer skills to the younger generation whilst they are still active, able and willing. Innovation and thinking out-of-the-box will be required.

The UNESCO 'International Workshop: Engineering for Poverty Eradication and the MDGs' held at SAICE House, Midrand in late November last year, also had the media interested in the fact that engineering professionals, government officials and civil society, had been represented at the same workshop, as well as in the outcomes of the workshop.

### Capacity building

The shortage of skills in the profession in many other areas of activity in South Africa is continuing to grow. SAICE is attending to this issue by remaining actively involved in, for example, career guidance programmes, including the SAICE competitions and talks to students at universities and universities of technology.

Two workshops were convened to discuss the bottle necks experienced at tertiary institutions and preparations were made to approach the Minister of Education in 2008 to request interventions in this important area. It became clear that there are serious problems in this area since facilities and the numbers of teaching staff are inadequate to accelerate throughput. In addition the poor quality of particularly maths and science at school proves to frustrate the effort to efficiently produce engineering graduates of the right caliber and this factor often adds years to the teaching process.

South Africa is addressing this problem as well as it can, but it has become increasingly evident that adequate capacity and sustainability in the engineering profession is an international phenomenon. The Department of Science and Technology has completed its investigations into what they can do and has released funding for various programmes. SAICE has been interacting with this Department on several occasions.

### Topical talk

#### SAICE Education and Training department

The SAICE Education and Training Department is proud to briefly report on its activities during 2007.

The introduction of compulsory Continuing Professional Development (CPD) in terms of the Engineering Professions Act (Act 46, 2000) continues to have an impact on the activities of the SAICE Education and Training Department

During 2007 a total of 82 lectures, 67 courses, 22 conferences and 10 workshops were validated by the SAICE Education and Training Panel. SAICE had been facilitating Professional Reviews as part of the Engineering Council's process for registering professional engineers since 1999. During 2007, a total of 80 Professional Reviews for Candidate Engineers were conducted. The current list of essay topics are presently under review and the Education and Training Committee will advise ECSA shortly on the new essay topics for professional reviews.

The Education and Training Department is in the process of arranging the facilitation of courses in our neighbouring countries where sister organisations and private engineering firms have shown an interest.

The Education and Training Department has recognised the need to continually broaden its scope of available courses and to this effect requests that the SAICE technical divisions assist in developing more courses that can be facilitated by the Education and Training Department.

Denver Siebritz has been appointed as Manager Operations in the place of Carla De Jager who has established her own Events and Training company. Education and training is one of Denver's portfolios at National Office.

The SAICE Income Share Model, agreed to during 2006, was implemented for the first time during 2007, and despite some teething problems made a significant contribution to the income base of participating Branches. Branches are again urged to liaise more vigorously with its members about their needs in terms of the presentation of courses in their regions as this will contribute to their income and improving their financial positions.

Mr Tom McKune, the Chairperson of the Education and Training Committee, as part of a panel is currently engaging the Department of Education on the capacity building of tertiary institutions in order to increase the number of engineering graduates from both the traditional universities and the universities of technology.

#### SAICE Turnover: Financial Report

During 2007 the income of the National Office of the South African Institution of Civil Engineering (SAICE) exceeded the expenditure by R408 833 (of which R290 808 accrues to the Special Purpose Fund (SPF)), while the income of SAICE's Branches and Division's exceeded the expenditure by R51 123.

SAICE's income increased by 8%, to just above R16.1 million.

The accumulated surpluses of the entities are as follows:

■ SAICE's National Office	R2 171 654
■ SPF	R1 554 456
■ Branches and Divisions	R2 317 100



The accumulated surpluses of the National Office and of the SPF are "invested" in SAICE House, in equipment and in operating capital. As a result, the outstanding balance on the bond of SAICE House is currently zero. The bond has not been cancelled, thereby providing a reserve in case of need. The funds of the Branches and Divisions are invested in various savings accounts.

Membership subscriptions comprised just over 39% of the National Office's income. The early bird discount arrangement enabled members to realise a reduction of more than 12% overall on the subscription payments.

The financial policy remains cautious but optimistic. All efforts are made to minimise expenditure and our National Office staff are to be congratulated on the contribution each makes towards managing the costs.

During the year a new Financial Manager joined SAICE's team. Under the guidance of the Executive Director, she and the staff of the Finance Department have been actively engaged in improving the accounting systems and procedures. Similar improvements have been made in the other departments, which have contributed to the financial health of SAICE and have resulted in the continued betterment of the services of the National Office to its members. Similarly the committee members have acted prudently in managing the finances of the Branches and Divisions. We owe them all special thanks for their dedication to SAICE.

### Longitudes and latitudes

#### ASCE

The 2007 annual conference of ASCE took place in Orlando Florida. Dawie Botha and Neil Macleod attended the event. It was gratifying to hear on several occasions that SAICE and South Africa were mentioned in terms of pioneering events in the professional fields. SAICE was also privileged to be invited to present a paper at the International Round Table. This presentation was called:

#### **Building Water Infrastructure for Sustainable Development. Innovative Partnerships - Questions and answers – a South African Perspective**

#### ICE

The new model for cooperation between SAICE and ICE was launched in February 2007 with the signing of the agreement by the Presidents of SAICE and ICE at a function in Johannesburg. The Joint Civils Division was then established and started with developing the framework and activity list. During the visit to South Africa the ICE also requested that the bonds at the administration level of the two institutions should be strengthened. In terms of this request it was decided that whenever possible the SAICE Executive Director should visit ICE en route to the annual ASCE conference.

It was fortunate that the Chair of the SAICE International Panel was on a visit to relatives in the UK in November and he joined Dawie Botha in London for meetings with various units of ICE. SAICE and ICE explored various opportunities to work together. The ICE explained that there was a renewed focus on capacity building by the Department for International Development and that ICE considered SAICE and the Africa Engineers Forum as the preferred vehicles to implement relevant programmes.

A meeting with the Royal Academy of Engineers, who initiated an effort to find funding for supporting the AEF and institution capacity building in Africa, proved to very fruitful. At the same meeting the Engineers Against Poverty also reported on their attempts to facilitate capacity building programmes in Africa, including finding funding for the Councillor decision making initiative.

#### WFEO

The General Assembly for 2007 was in New Delhi, India. The WFEO Capacity Building committee meeting also took place at the same time. Although it was not on the original SAICE itinerary to attend, the WFEO President extended an invitation to the AEF to apply for associate membership. Since Dawie Botha, as AEF secretariat and member of the Committee, was the only person who could possibly attend, last minute arrangements had to be made.

After a very difficult process concerning the perception that the Federation of African Organizations of Engineering, who has been inactive for many years should present Africa, the AEF was ultimately admitted to become an associate member. The determined facilitation by Prof Tony Ridley, president of the Common Wealth Engineering Council, ultimately proved to be invaluable in this matter. An article about the visit was published in the SAICE Magazine of March 2008.

The first chair of the Capacity Building Committee, Russel Jones has retired after four years and Dan Clinton from ASCE took up this position. Several initiatives to move the activities to a next level were discussed.

#### Branch visits, Divisions, committees and governance and structures

The Presidential visits to Branches and Divisions remain a valuable orientation and networking opportunity. On the one hand it serves to inform the SAICE national governance of what the issues are that the units are dealing with and on the other hand the units are getting first hand information on a number of issues that are dealt with. The matters raised often end up on the agendas of the committees and panels of SAICE.

As such this networking tool serves to bring together the leadership and the constituents.



In 2007 the level of activity in the units again seemed to be diminishing due to the increasing demands on individual members caused by the exponentially growing civil engineering industry. A major portion of our members can simply not afford the time and input demanded by the institution. In spite of this many valiant efforts are made and sterling contributions are still the trade mark of the SAICE volunteers.

### Sincerely yours

#### Magazine and Journal

The Editorial Panel oversees the publishing of 11 magazines and 4 technical journals annually, and strives to optimize the magazine and journal as the major channels of communication among civil engineering practitioners in Southern Africa.

#### Magazine

During 2007 thicker-paged, increasingly attractive magazines became the norm, and in November the magazine won the prestigious PiCA Award as best magazine in the category “Construction, Engineering and Related Industries”. The judges commented as follows:

“A highly relevant magazine to the broad-ranging civil engineering field, this magazine ensures readers always find content that is useful and interesting. Being of a highly technical nature, the material does not lend itself to creative presentation, yet the publishers have achieved a result that is easy to navigate, and visually strong. This title is an indispensable tool for the market it serves and is a deserving winner.”

The Panel aims to continue improving the magazine and therefore conducted a survey among its readers during 2007, which resulted in a better understanding of readers’ various work environments and engineering interests.

#### Journal

The publication of technical papers on civil engineering is one of the core functions of SAICE, and the Institution’s archives boast hundreds of papers published since 1903. The peer-reviewing of technical papers is administered by the Journal Editorial Panel. The SAICE journal is accredited with the Department of Education, and also gained international listing towards the end of 2007 (ISI-listing). The importance of this listing cannot be over-emphasized, as international recognition of the journal as a rated research publication will undoubtedly encourage more civil engineering professionals to share their experiences through the SAICE journal.



### Electronic Versions

Both the magazine and the journal are available in electronic format on the SAICE and Sabinet websites and the Panel believes that the local and international visibility of the Institution has been enhanced thereby.

### SAICE Website

Our website keeps our members, industry leaders and the public up to date with a number of SAICE issues and events. The site fulfils a crucial role in SAICE's communication process. Average hits per month are 300 000 from an approximate number of 7000 visits.

### Membership

One of the main reasons for the depicted constant growth in membership numbers is the major drive to recruit student members.

### Membership by Age

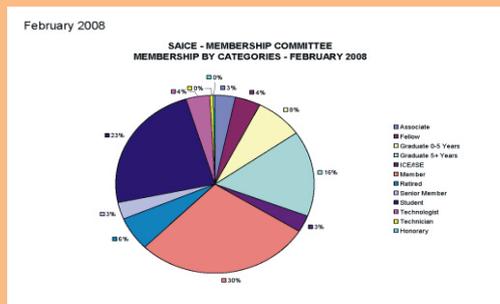
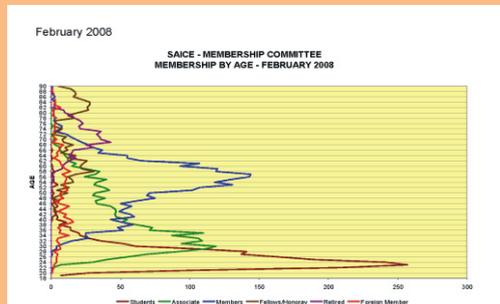
There is very little, if any difference in the number of members by age for the various membership categories.

There are three significant observations:

- There is a normal distribution of the age of members in each of the membership categories with the exception of the Member category, which displays a defiant plateau in the number of members between the ages of 35 to 45 years.
- The Fellows/Honorary category has two peaks, these occur around the age of 55 and 80. There is a significant reduction in the numbers of this category between the ages of 60 to 75.
- There is a good overlap between the curves for Students/Associates and Member/Retired membership categories. This implies that there is a natural transfer from one category to the other. However, there is very limited overlap between Associate/Members and Members/Honorary, implying that there is no natural transfer of members between these membership categories.

### Membership by Membership Category

The three largest Membership Categories within the institution are Members (Engineers, Technologists and Technicians), Associates (Associates and Graduates) and



Students. The numbers for Members and Associates have remained constant.

### Membership by Branch

The four largest branches (more than 10% of total membership) are Witwatersrand, Western Cape, Pretoria and Durban

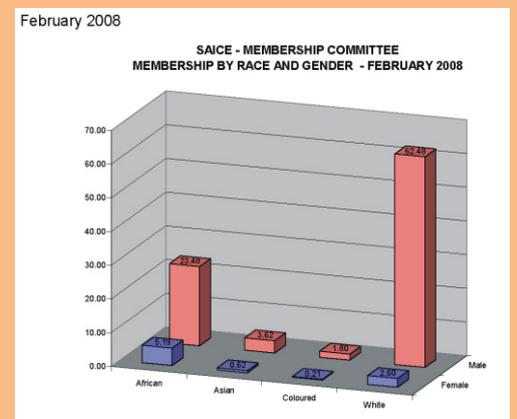
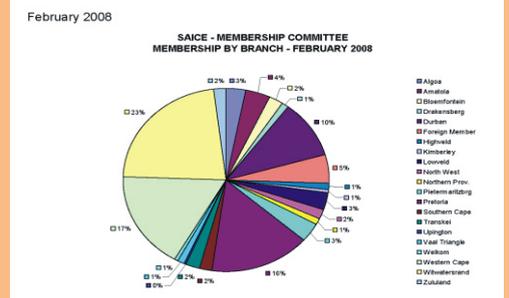
### Membership by Race and Gender

SAICE is a white male dominated institution. However, this dominance is on the decrease. SAICE membership by race and gender are presented as a percentage in the 3-D column graphs provided below.

All unspecified in each gender group were proportionally distributed into the race groups.

### SPEBS

Since its inception in 1992, until the end of 2007, the SAICE Patrons' Engineering Bursary Scheme (SPEBS) has granted 257 bursaries to 156 students during the various academic levels of their courses towards the National Diploma or the Degree in Civil Engineering. SPEBS bursars achieved excellent results, mainly due to the bursars' hard work, but certainly also partly due to the scheme's stringent academic performance requirements. SPEBS depends entirely on donations and we hereby express our sincere appreciation to individuals, institutions, companies and SAICE units for their continued support.



### Rubbing shoulders

The formidable SAICE network and the demands that this network exerts and the lack of resources are becoming a serious challenge in view of the diminishing availability of volunteers. The outreach programmes of SAICE, which were started due to the Strategic Plans of the early 90s have produced results beyond all expectations. The perseverance by the SAICE teams at especially National level paid off handsomely.

The establishment of the SAICE Section 21 Company to handle the Outreach Programmes funded by external sources was a timely decision, since it has made it possible to employ resources on a needs basis. The SAICE national structure still has a major input and responsibility in this regard.

The high level of visibility and credibility for SAICE that developed owing to initiatives like the Infrastructure Report Card, Numbers and Needs and many other associated events and programmes, opened the flood gates. SAICE has become a “port of call” for many to learn from, to ask for facilitation and to engage with. Rubbing shoulders with a vast and complex environment is currently at an all time high. In turn it creates more opportunities, but it also means that SAICE is paying the sweet price of success.



Division Assets	
Environmental	R 169 951
Geotechnical	R 202 679
Information Engineering	R 41 694
Joint Structural	R 102 131
Railway & Harbour	R 302 753
Project Management	R 6 184
Transportation	R 139 537
Joint Civils <small>Division of SAICE and ICE-UK</small>	R 12 383
Water	R 224 639
<b>Total</b>	<b>R 1 201 951</b>

Branch Assets	
Algoa	R 38 714
Amathole	R 109 707
Bloemfontein	R 20 219
Durban	R 214 926
Drakensberg	R 4 990
Highveld	R 10 914
Kimberley	R 96 154
Lowveld	R 6 897
North West	R 8 284
Limpopo	R 20 265
Pietermaritzburg	R 73 718
Pretoria	R 13 647
Southern Cape	R 17 282
Transkei	R 6 756
Uppington	R 345
Welkom	R 5 369
Western Cape	R 237 164
Witwatersrand	R 216 341
Zululand	R 13 460
<b>Total</b>	<b>R 1,115,152</b>

National Office Income and Expenditure statement			
2006		2007	
Income	R 11 867 800	Income	R 16 245 014
Expenses	R 10 703 623	Expenses	R 15 836 181
<b>Net surplus</b>	<b>R 1,164,176</b>	<b>Net surplus</b>	<b>R 408,833</b>

### SAICE Mission Statement

To advance professional knowledge and improve the practice of civil engineering.

In support of SAICE's mission, SAICE strives:

- to be a learned society for all those associated with Civil Engineering;
- to enable our members, through consultation and accountability, to provide the community with environmentally and economically sustainable infrastructure;
- to cater for the interests and needs of our members by creating an effective communication channel in a strong, dynamic and stable organisation;
- to provide our members with continuing education in technical, managerial and communication skills;
- to advance and uphold the professional ethics of the civil engineering profession;
- to enhance the recognition of civil engineering as a highly respected profession and a desirable career; and above all, to encourage our members to strive for excellence in civil engineering.





2007

The · South · African · Institution · of · Civil · Engineering

[www.civils.org.za](http://www.civils.org.za)

