



SANIRE AGM

27 November 2015

Ruimsig Country club



Apologies

Owen McMahon
Tony Boniface
Donald O'Connor
Dewald.Swanepoel
Eric Scholtz
Natalie Killassy
Erenst du Toit
Gordon Smith
Johan Van Der Merwe
Les Gardner
Riaan Carstens
Francois Malan

Jacques Lucas
Hennie Greeff
Ernest Wevell
Matthew Handley
Francois Naude
Monty Montgomery
Carrie Zermatten
Olaf Goldbach
Sandor Petho
Jeanne Walls



Agenda

7.30 am – 8.30 am	Arrival & Registration of Members	
8.30 am	Welcome	Mr M. du Plessis
8.35 am	Honorary Fellowship Award	Mr M. du Plessis
8.50 am	Keynote address – “Measurement and prediction of dilution in a South African gold mine operating with open stoping mining methods.”	Mr. J. Le Roux
9.15 am	Salamon Award Ortlepp Award	Mr M. du Plessis
9.20 am	Presidential Feedback	Mr M du Plessis
9.35 am	ISRM Feedback and Engineering works (ECSA)	Mr. W. Joughin (ISRM VP Africa)
9.55 am	Sanire Finance	Mr. F. Essrich
10.05 am	Rock Engineering Legislation changes	Mr. D. Neal
10.20 am	Refreshment break (20 mins)	



Agenda

10.20 am	Refreshment break (20 mins)	
10.40 am	Honorary Membership Award	Mr. M. du Plessis
10.50am	Practitioner of the Year Award	Mr. M. du Plessis
10.55 am	Future Rock Engineering Certification	Mr. J. Maritz
11.15 am	Feedback on slope conference	Mr. R. Armstrong
11.25 am	Young members	Mr. J Maritz / Mr. H. Greeff
11.40 am	Newsletter	Mr. P Couto
11.50 am	Membership	Mr. D. Neal
12.00 pm	Current Education	Mrs. Y. Jooste
12.10 pm	Certificate Awards	Mr. M. du Plessis
12.20 pm	Closure and afternoon arrangements	Mr. M. du Plessis
12.30	Lunch	



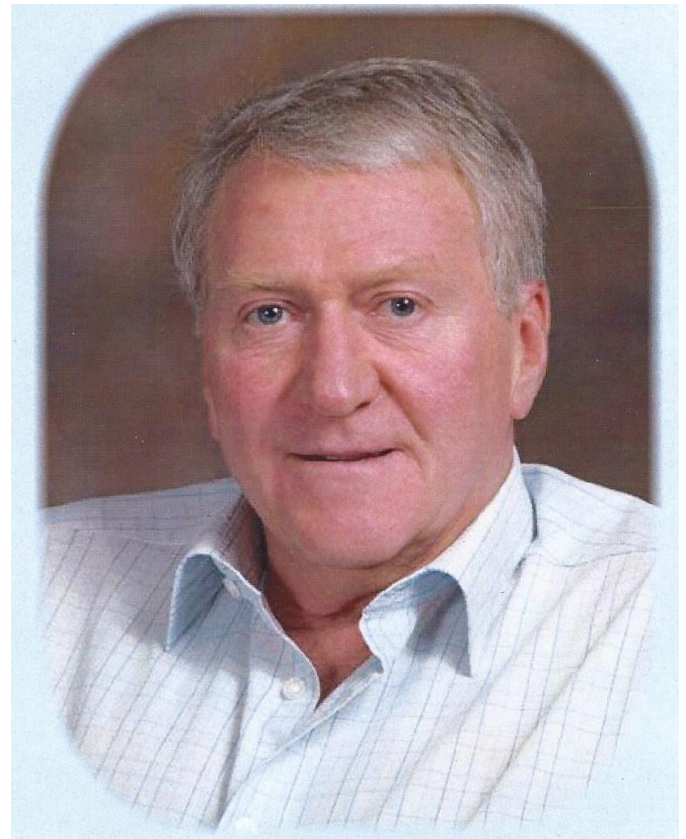
Award: Honorary Life Fellowship

Lifetime achievement award

Dr. Michael Roberts

In acknowledgement of his significant long term technical contributions to the field of Rock Engineering

- Nomination speech: Ray Durrheim
- Award accepted: Kim Roberts





Keynote address

Measurement and prediction of dilution in a South African gold mine operating with open stoping mining methods

Presented by: **Jaco Le Roux**
ISRM 2015 Montreal Canada

Salamon award

- Jaco Le Roux
- Dick Stacey



Award: Salamon

In acknowledgement of the best technical publication for 2015

Jaco Le Roux (Dr.) and Prof. Dick Stacey

Measurement and prediction of dilution in a South African gold mine operating with open stoping mining methods

Presented at: ISRM 2015 Montreal Canada



Award: Ortlepp

In acknowledgement of the best technical publication for persons below 35 years of age for 2015

Alida Hartzenberg

The influence of regional structures associated with the Bushveld Complex on the mechanism driving the behaviour of the UG2 hangingwall beam and in-stope pillars at Lonmin's Marikana Operations

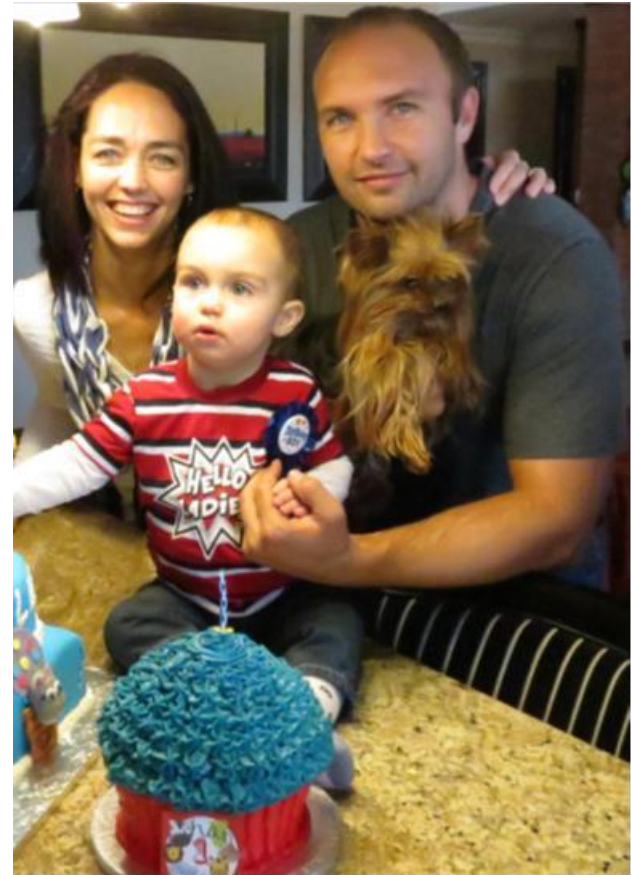
Presented at: ISRM Platinum Conference 2014 – Sun City



Presidential feedback

Michael du Plessis

President





Presidential feedback

Strategy 2020





Presidential feedback

Strategy

- Members (Young vs. Old)
- Recognition
- Qualifications
- Professional registration
- Legislation
- Industry needs
- Interaction
 - Website
 - Newsletter
 - Events
 - Video lectures
 - Symposia
- Branding
 - SANIRE
 - Members



Presidential feedback

Committee

NAME	POTFOLIO
Michael du Plessis	Awards; RETC
William Joughin	ISRM, SAIMM, Eng works, AfriRock 2017
Les Gardner	RE Legislation, RETC, Simrac
Friedemann Essrich	Treasurer, MQA, QCTO, L1-L4 training mat
Jannie Maritz	Future education (RE ticket)
Yolande Jooste	Exams committee, Video lectures
Dave Neal	Membership, RETC
Hein Greef / Jannie	Young members
Jaco le Roux	Website
Robert Armstrong	Organisation Liaison
Dave Arnold	History, RETC
Paul Couto	Newsletter



Presidential feedback

Symposia

- September 2015: Free State Symposium
- October 2015: Slope Stability
- 2016: Present 2015 ISRM presentations (R500pp)
- September 2016: NW SANIRE Symposium
- February 2017: Pillar workshop (cheap)
- October 2017: AfriRock (ISRM)
 - No SANIRE symposium for 2017





Presidential feedback

Website

- Planning a minor face lift this coming year
 - Interactive
 - Platform to share info
 - request members to send us some interesting photos regarding their operations
 - some old photos of mining in South Africa
- SANIRE facebook page is up and running
 - if someone is not befriended yet, send SANIRE a friend request



Presidential feedback

Video lectures

- ISRM lectures (12)
 - Professor Ove Stephansson and the title is “Rock Stress and Stress Fields” - 12 September
- SANIRE
 - Nielen van der Merwe “Getting a Grip on Reality in Rock Engineering”
 - Planning: 3 short video lectures on theory topics



Presidential feedback

Branding Strategy

- Get SANIRE recognised by other disciplines
 - Presidents cup
- Get SANIRE recognised as best national group
- Awards and recognition
 - AGM

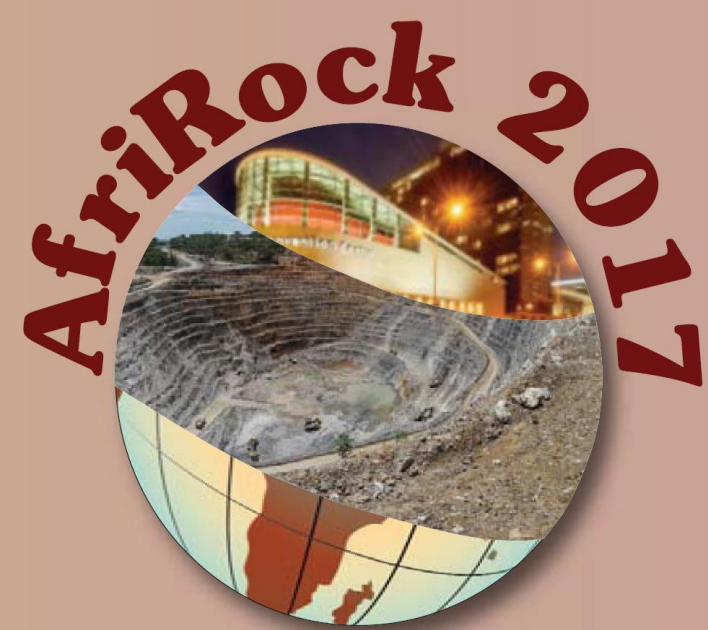


ISRM feedback

William Joughin

Vice President Africa





Rock Mechanics for Africa

2-7 October 2017

ISRM International Symposium

CTICC



Cape Town, South Africa





Engineering works (ECSA)

William Joughin

Vice President Africa



Regulation of the Engineering Profession

- Engineering Profession Act 2000 (Act no 46 of 2000)
- Identified Engineering Work (IEW) Regulations – approved 2014
- Change from Optional Registration to Compulsory Registration for Engineering Practitioners performing Identified Engineering Work
- Civil Engineers regulated for more than 30 years
- Impact on Rock Engineers??????
- Who signs off rock engineering designs???
- MHSA??????
- Timing ?????



Regulation of the Engineering Profession

Identified Engineering Work

- Types of Engineering Work
 - Mining / mineral extraction operations
- Identified Characteristics of Engineering Work
 - Investigating, solving problems, design solutions
 - Application of basic scientific & applied eng knowledge
 - Management of engineering works
 - Addressing impacts, judgement and responsibility
- Identified Engineering Functions
 - Design of materials, planning of capacity and location, investigation of engineering problems, application of the results of research and development, management of risks, etc
- Levels of Competency
 - NQF levels 6-8 (status of Rock Engineering?)
- ECSA Self Regulated – must work within your own knowledge and experience



Regulation of the Engineering Profession

Current registration categories under mining Engineering

- Professional Engineer (L8)
- Professional Engineering Technologist (L7)
- Professional Certificated Engineer (L7) – Mine Manager's Certificate
- Professional Engineering Technician (L6)



Regulation of the Engineering Profession

Proposed Strategy

- Recognition of COMRMC by ECSA (precedent MMC)
 - NQF rating (Jannie Maritz)
 - Approach ECSA (William Joughin)
- ECSA Voluntary associations
 - SAIMM (PAC for Mining Engineering – current link to ECSA)
 - SANIRE?????? (Need sufficient registered members)
- Registration under current rules
 - Existing registration categories
 - Recognition of other educational qualifications ?????



Finance

Friedemann Essrich





Finance & Administration

- **General**
- **Financial summary**
- **Cash reserves**
- **2016 Budget**
- **Branch reporting**



General

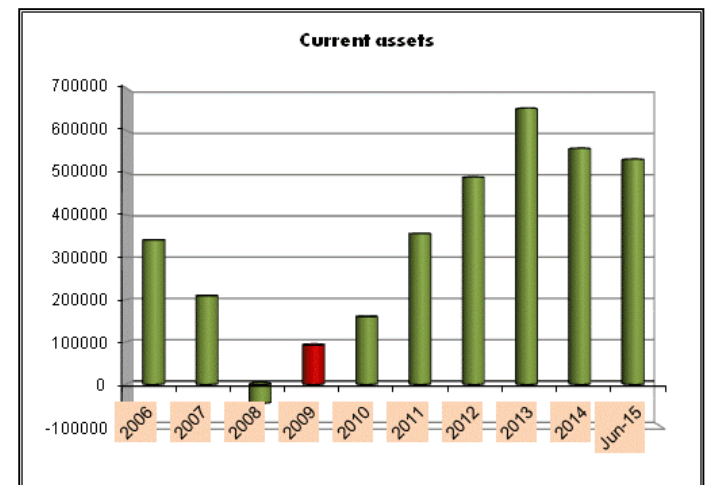
- ❖ SANIRE office at Margaret Water Co.
(AngloGold-Ashanti Ops) near Stilfontein
- ❖ J. van der Merwe retrenched (30/9/2015)
- ❖ Carol Hunter (LONMIN) volunteered
- ❖ Administrator post to be filled again
- ❖ Low rate of member fee recovery
- ❖ Review of tree planting initiatives
near Rustenburg, Steelpoort,
Welkom and Potchefstroom





Financial summary

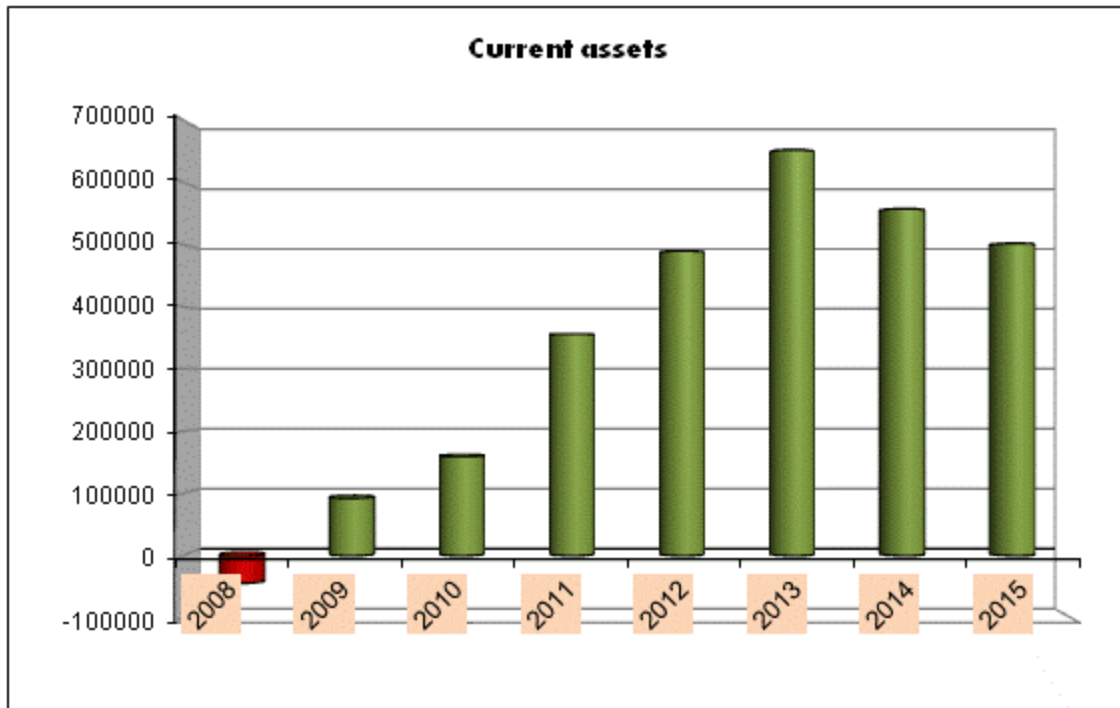
- ❖ Annual SANIRE Symposium contributes R40-60k
- ❖ Historically, 80-90% of member fees collected.
- ❖ SANIRE's financial position is stable.
- ❖ 2015: 64% of member fees recovered.





Financial summary

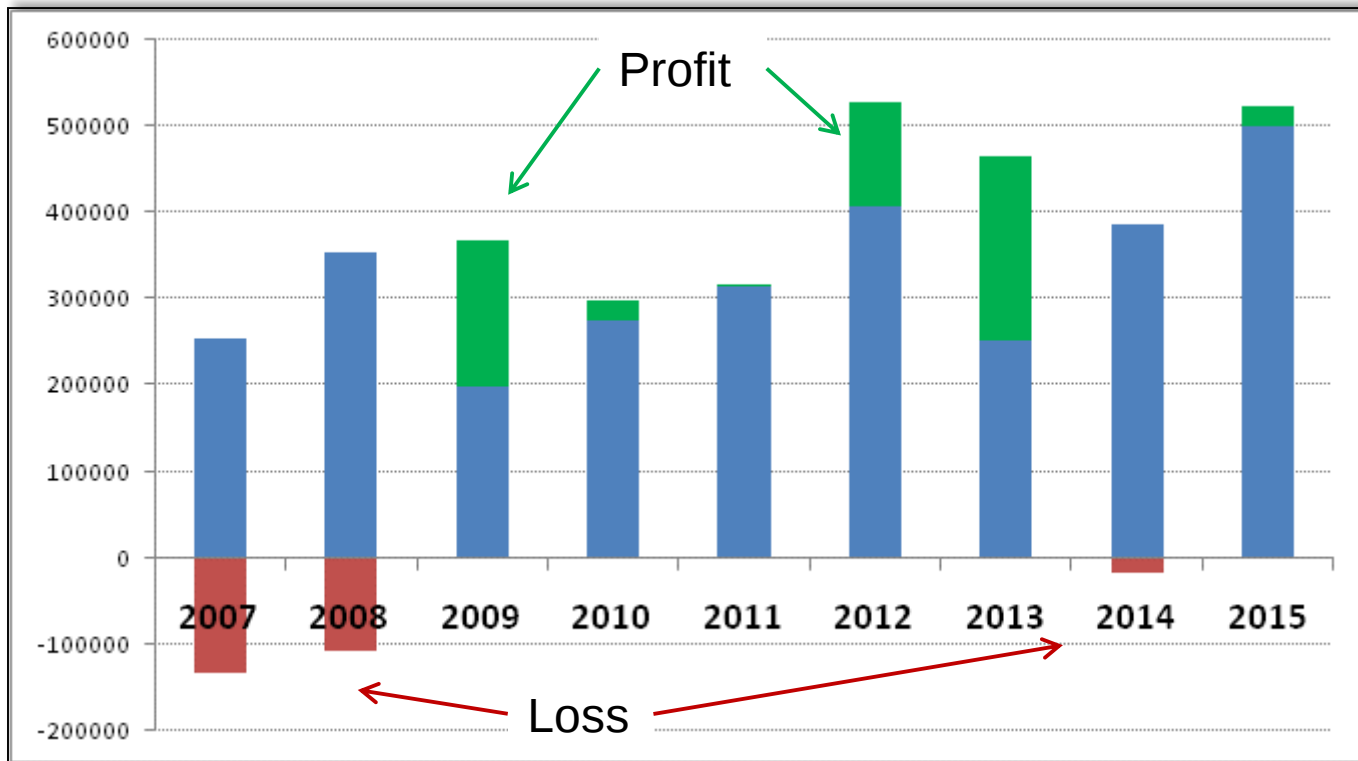
❖ Cash reserves (27/7/2015): **R501 492**



❖ No liabilities, 2016 member fees outstanding



Expenditure (2007 – 2015)





Financial summary

- ❖ Poor reporting discipline by some branches:

South African National Institute of Rock Engineering - Coalfields Branch

Income and Expenses for the year 01 July 2011 to 30 June 2012

BANK STATEMENTS INCOME AND EXPENSES

Sum all Income types

INCOME

Type in branch name

No line can be deleted. Lines can be inserted, but remember to copy formulas or it will not balance

Please insert as much information as possible

Date	Description	Balance	Income Total	Symposiums	Sponsorship/Donations	Raffles	Interest Received	Other
2011/09/27	Opening balance	152,622.37	152,622.37					152,622.37
2011/09/27	Fees BGM	153,752.37	1,130.00			1,130.00		
2011/09/27	Symp fees Impala	167,752.37	14,000.00		14,000.00			
2011/09/28	GFM Khayesa	168,251.29	510.00			510.00		
2011/09/29	Bafokeng JV	170,251.29	2,000.00		2,000.00			
2011/09/30	BASF	170,761.29	510.00			510.00		
2011/09/30	Bokoni Plat	171,781.29	1,020.00			1,020.00		
2011/09/30	Management fee	171,753.29	0.00					
2011/09/30	Service fee	171,628.40	0.00					
2011/10/01	Salary ChvdW	165,281.02	0.00					
2011/10/01	LeGrandChateau	165,281.02	0.00					
2011/10/01	Grafix & sign worx	160,087.02	0.00					
2011/10/03	BG22RTM	162,087.02	2,000.00	2,000.00				
2011/10/05	AG-A	162,597.02	510.00			510.00		
2011/10/06	Valenta	163,597.02	1,000.00	1,000.00				
2011/10/06	EMEAPRPPM	166,597.02	3,000.00	3,000.00				
2011/10/07	DYNAX	161,763.53	0.00					
2011/10/07	JL Flight to Beijing	152,006.53	0.00					
2011/10/07	Transfer ChP	151,556.81	0.00					
2011/10/12	Middindi	156,556.81	5,000.00	5,000.00				
2011/10/12	GraphicDesign Worx	144,922.41	0.00					
2011/10/12	JL PC refill	143,922.41	0.00					
2011/10/12		143,922.41	0.00					
2011/10/12		143,922.41	0.00					
2011/10/12		143,922.41	0.00					

- Free State, BV West



- Coal, BV East, Gauteng





2016 Budget

53%

Salary (Accomm, travel, training)	82017
ISRM member fees	63701
* ISRM travel (ISRM, Itasca)	60000
Meetings (Bosb., AGM, Council)	52000
Bad debt	41277
* Video lecture (3)	27000
Accounting	23481
* Awards (Salomon, best student etc.)	22000
Branch FinReport incentives	20000
* Office (station/teleph/postage)	17940
* CO2 offset fee	15990
* Newsletter	14244
* Website hosting	12965
Office (rent)	12000
Merchandise	10000
M-SAIMM	4799
Bank charges	4767
Total	484182
* portfolio request	

10% incr., incl. Training
10% incr. (currency risk)
M Mathey + 2

30% of 2016 fees

5% up

5% up + new PC & laptop
R30 per paying member
same as 2015
5% up

5% up
10% up



2016 Income

73%

Member fees (70% recovery)	235991
2015/16 Symposia/Seminars	72710
Profit share (Conf. SAIMM)	38095
Donations	30000
Merchandise & book sales	23555
RockTalk adverts	22650
Interest	1900
Total	424901

70% of fees collected
50% of 2015

special initiative
10% up from 2015
same as 2015

Surplus/shortfall

R -59 280

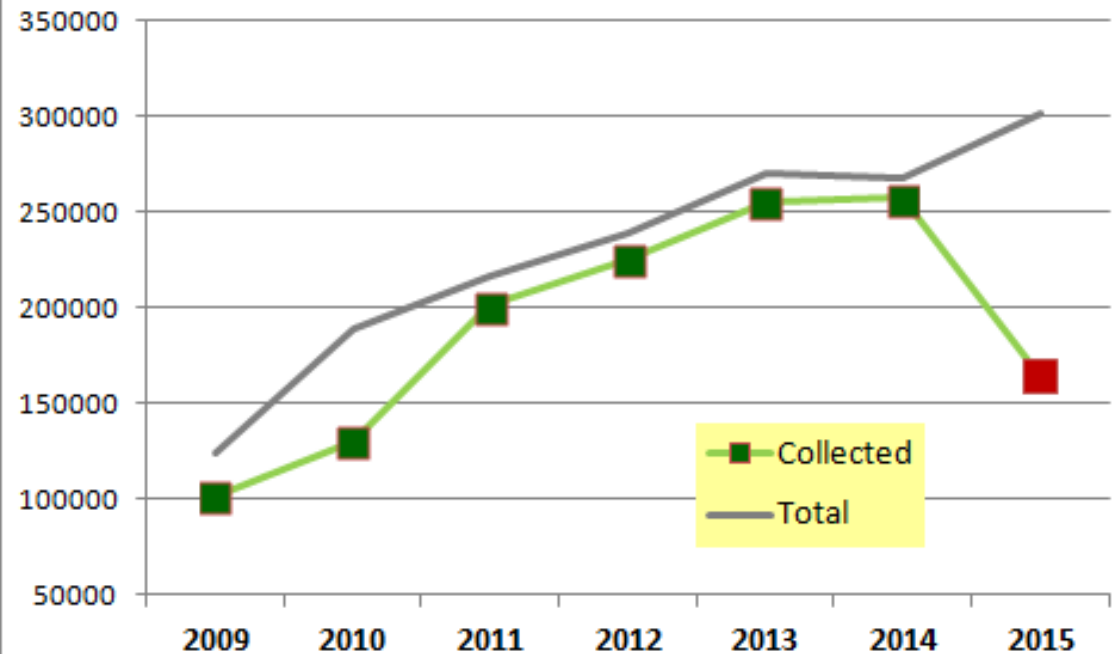
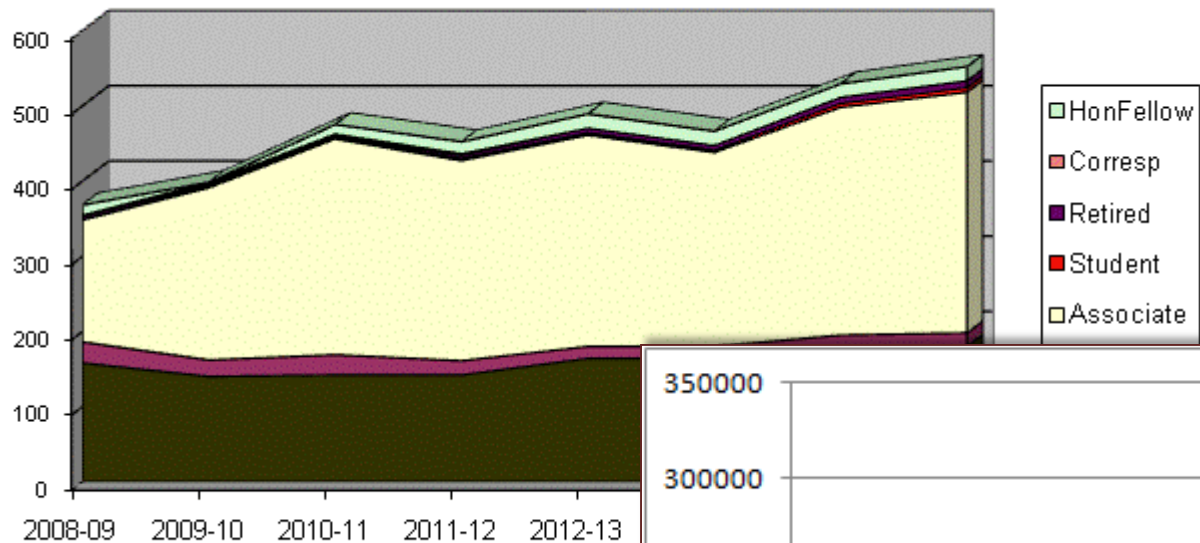
Projected 2016 member base	
CATEGORY	2016
Associate Members	320
Members	180
Fellow Members	18
Retired Members	9
Correspondence Members	6
Honorary Life Fellow Members	19
Student Members	6
TOTAL MEMBERS:	558

2015 +	
5 %	Income from member fees
580	R 185 600
720	R 129 600
830	R 14 940
250	R 2 250
790	R 4 740
0	R -
0	R -
	R 337 130
70%	R 235 991



Members and fees collected

SANIRE membership 2008-16





Thank you!



questions?

Branch financial
reporting ➤



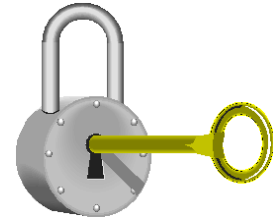
Financial reporting by branches

- Principles
- PBO compliance
- Deadlines
- Reporting format





Principles



- Separate control and oversight functions
- Avoid cash transactions
- Recommended: *Bank account with internet banking*
- Financial year: *1 July 2015 - 30 June 2016*
- Reporting within three months of end of FY
 - Account balances at beginning and end of FY
 - Income & expenditure during financial year
 - Assets & liabilities at 30 June
- SANIRE is not VAT registered



Public Benefit Organisation (PBO)

- SANIRE is a Voluntary Association of Persons not for gain
- Exempt from income tax (Sect.30 of Income Tax Act, No.58 of 1962, as amended); not VAT registered
- Engages in Public Benefit Activities (e.g. Club)
- Utilisation of all incomes in line with PBO guidelines
- All records have to be kept for 7 years
 - Keep detail of all donations (date, name, donor, amount)
 - Donor may not benefit from donations
 - Donations may not be recalled
- On dissolution of a branch, all assets, books, records and funds to be transferred to the Institute.



Reporting spreadsheet

South African National Institute of Rock Engineering
Income and Expenses for the year 01 July 2011 to 30 June 2012

Coalfields Branch

Type in branch name

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Sums all income types

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2011/10/07	DYNAX	161,763.53	0.00					
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2011/10/07	Transfer ChP	6.81	0.00					
2011/10/12	Middindi	6.81	5,000.00	5,000.00				
2011/10/12	GraphicDesign Worx	2.41	0.00					
2011/10/12	JL PC refill	2.41	0.00					
2011/10/12		143,92						
2011/10/12		143,92						
2011/10/12		143,92						
2011/10/12		143,92						

Balance

Income

Sums all expense types

EXPENSES

Expenses Total	Symposium expenses						Meeting expenses			Other expenses			
	Rental Venue	Accommodation	Refreshments & Entertainment	Gifts	Printing & Stationery	Other	Rental Venue	Refreshments	Other	Advertising & Promotions	Bank & Internet charges	Payment to Head Quarters	Other
0.00													
0.00													
0.00													
11.08						11.08							
0.00													
0.00													
0.00													
28.00												28.00	
124.89												124.89	
6,347.38													6,347.38
0.00													
5,194.00					600.00		4,594.00						
0.00													
0.00													
0.00													
0.00													
4,833.49						4,833.49							
9,757.00						9,757.00							
449.72													449.72
0.00													
11,634.40					11,634.40								
1,000.00													1,000.00
0.00													
0.00													
0.00													
0.00													

Expenses



Rock Engineering legislation changes

Dave Neal obo (Les Gardner)





Rock Engineering legislation changes

- Based on SIMRAC project SIM060201 track C
- Time line:
 - Research commenced 2009
 - Research report completed 2011
 - Recommendation by SIMRAC 2014
 - Task Team constituted in March 2015
- Task team members widely representative



Rock Engineering legislation changes

- Risk Assessment using [Mindmap](#)
- Short term focus areas:
 - Amendments to legislation
 - Define roles and responsibilities for various levels
 - Change way of reporting dangerous occurrences
- Long term focus areas:
 - Revise COP guidelines for different mining types
 - Facilitate discussion on future RE education



Rock Engineering legislation changes

Where are we – Phase I?

- Proposed legislation regulations drafted ready for submission to MRAC / LDC
- Various roles identified in the regulations – observer, technician and engineer
- Dangerous occurrences proposed to be defined using a risk flowchart tool aligned to the SIMRASS 3 reporting tool, developed to relate to each generalised mining method
- Phase II – update CoP guidelines that reflect the change in the regulations



Rock Engineering legislation changes

- Reporting of dangerous occurrences
- Flow chart format to check due diligence
- Impact/damage level categories:
 - None
 - Minor
 - Moderate (report)
 - Major (report)
- Various criteria per mine type



Rock Engineering legislation changes

Process going forward:

- Submit phase 1 work to MRAC LDC by November 2015
- LDC to amend if needed, submit to MRAC
- MRAC to discuss and approve amendments
- Presented to Chief IOM and Minister for proclamation
- Promulgation aligned with release of updated guidelines



Comfort break (20 min)

Golf arrangements

Willie Liebenberg



SANIRE AGM

27 November 2015

Ruimsig Country club



Agenda

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Award: Honorary Life Membership

Lifetime achievement award

Apie van Rensburg

In acknowledgement of his long term contribution and dedication to the Rock Engineering fraternity

- Nomination speech: Trevor Clements



Award: Practitioner of the year

Otto van der Merwe

In acknowledgement of his excellent and sustained contribution to
Rock Engineering in the workplace

- Nomination speech: Naomi Ayres



Future RE Certification

Jannie Maritz





Proposed Regulations

Competent person means a person who is:

- CoM Certificate in Rock Mechanics
- ECSA Registration
 - Pr Eng Tech+
 - 6 mths+
- SACNSP Registration
 - Cert Nat Sc+
 - 6 mths+
- Appropriate qualification by MQA and CIOM



01
Jan
2016

01
Jan
2019

No issuing of new CoM
Certificates

Nov
2015

Final Sitting
Oct
2018

6 sittings

CoM
SCC

QCTO Lvl 4 – Strata Control

Timeline

CoM
REC

2012 Graduate

Pr. Tech+ / Pr. Nat. Sc+

2018 successful

CoM REC

2019 First Year

2026

QCTO Lvl 6 – Rock Mechanics





Industry Liaison feedback

Robert Armstrong





Liaison – Professional Bodies

Liaison with the following professional groups

- SAIEG
 - Technical Evenings and Lectures
 - Rock Identification Course
 - Core Logging, Soil Profiling & Chip Logging Course
 - 35th IGC
- GSSA
 - Technical Evenings and Lectures
 - Structural Geology Course
 - Groundwater Seminar
 - 35th IGC





Liaison – Professional Bodies

35th International Geological Congress

- 27 August to 4 September 2016
- Cape Town International Convention Centre
- Over 6000 delegates
- Over 40 Planned parallel sessions including:
 - Mining, Deep Mining & Rock Mechanics
 - Mining-induced Hazards & Reclamation
 - Engineering Geology & Geomechanics
- Abstracts due 31st January 2016





Liaison – Professional Bodies

Liaison with the following professional groups

- SAICE – Geotechnical Division
 - Technical Evenings and Lectures
 - YGE Conference
 - Southern African Geotechnical Conference



SAICE Geotechnical Division
presents the
**First Southern African
Geotechnical Conference**
5 & 6 May 2016



Venue: Sun City, North-West, South Africa



Liaison – Professional Bodies

Liaison with the following professional groups

- GASA
 - Technical Evenings and Lectures
 - Courses and Seminars
- SACNASP
 - News with respect to Natural Scientist Registrations (Pr. Sci. Nat.)
 - SACNASP member's CPD requirements finalised
 - In discussions with SAIEG and GSSA to have SANIRE events recognised for SACNASP CPD points





Liaison – Professional Bodies

Liaison with the following professional groups

- SACNASP
 - CPD

Year of first registration	1982	1983	1984	1985	1986
	1987	1988	1989	1990	1991
	1992	1993	1994	1995	1996
	1997	1998	1999	2000	2001
	2002	2003	2004	2005	2006
	2007	2008	2009	2010	2011
	2012	2013	2014	2015	2016
First renewal of registration	2017	2018	2019	2020	2021
Number of credits required for first renewal of registration	5	10	15	20	25
Second renewal of registration	2022	2023	2024	2025	2026



Liaison – Professional Bodies

Liaison with the following professional groups

- SACNASP

Category 1:

Developmental Activities: 4 credits = 40 hours (10hrs/credit)

Category 2:

Work-based Activities:

- Natural Scientific Work: 2 credits = 800 hours (400hrs/credit)
- Mentoring of
Candidate practitioners: 1 credit = 50 hours (50hrs/credit)

Category 3:

Individual Activities:

- Membership of a recognized
Voluntary Association: 1 credit (not linked to hours)
- Other activities: 3 credits = 30 hours (10hrs/credit)





Events

Slope Stability 2015

- Held every 2 years at various locations globally
- 207 Delegates (break even 200)
- 54 Presentations, 10 Poster
- Proceedings volume (928 pages)
- Sponsorship oversubscribed
- CTICC very expensive, had several “additional costs” that ate into sponsorship
- SAIMM finalising finances

The Southern African Institute of Mining and Metallurgy in collaboration with the South African National Institute of Rock Engineering are organising the

**INTERNATIONAL SYMPOSIUM ON SLOPE STABILITY IN
OPEN PIT MINING AND CIVIL ENGINEERING**

SLOPE STABILITY 2015

12–14 OCTOBER 2015

Cape Town Convention Centre, Cape Town



Events

Slope Stability 2015 - Sponsors

Premium Sponsor



Exhibition Sponsor



Cocktail Sponsor



Conference Folders



Conference Insert



Lanyards



USB Sponsor





Young members

Jannie Maritz obo (Hein Greeff)





2015

- 13th ISRM International Congress (CANADA)
 - Congress attendance / Presentations
 - Rockbowl 2015
- Branch activities
- 2015 Symposium Presentations

RockBowl 2015



RockBowl 2015





2016 - 2017 Term

- Communication
- Branch Portfolio
- Branch A

2nd International

ROCKBOWL 2017

CAPE TOWN

- Presentation(s)
- the RockMechs 2016



Newsletter

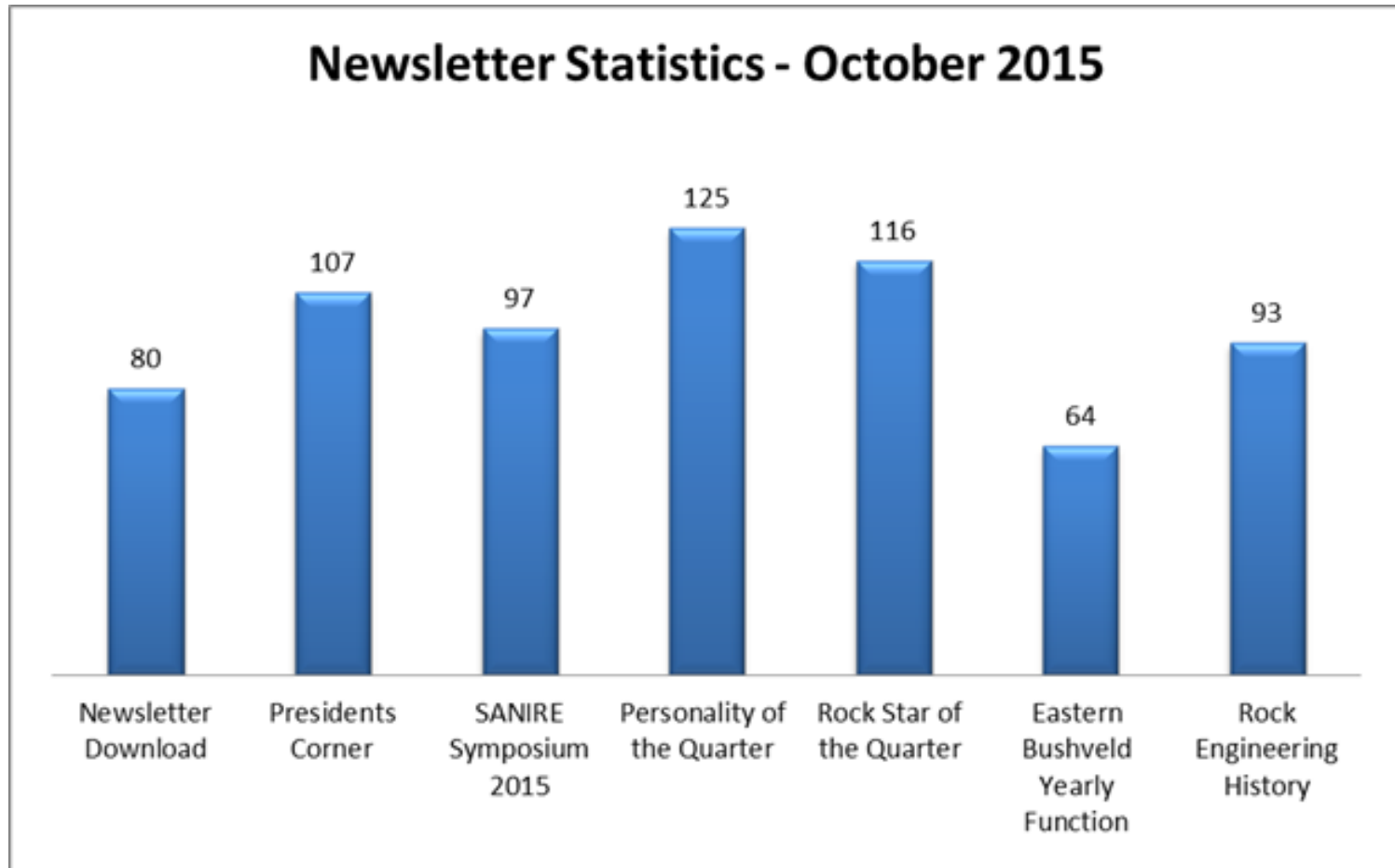
Paul Couto





Newsletter

Statistics – November 2015





Newsletter

New Edition – January 2016

- Presidents corner
- SANIRE AGM –Slope Stability Conference
- Personality of the Quarter
- Rock Star of the Quarter
- Rock Engineering History
- COM Results October 2015
- Eastern Bushveld – Rock Engineering Practical Exam
- ISRM news
- SIM project
- **Technical Corner – Still need a volunteer**



Newsletter

Budget

Newsletter Budget - October 2015

Income - Advertising						
Name	Rate	Available	Booked	Paid	Total	Company/ Organisation
Skyscraper	4000	1	1	Yes	4000	Rocbolt
Square	3000	2	1	Yes	0	Timrite
Button	2000	4	0		0	

Expenses		
Company	Invoice number	Amount
QUBA Services	2235	2565
TAU Editing	Inv.San.03.15	1070
AGM Printing	1002	4691.33

Balance sheet	
Balance forward	6531.55
Total Income	4000
Total Expenses	8326.33
Balance	2205.22



Newsletter

Advertising

Type of advert	Rates (Excl. VAT) Solus, Casual	Availability per newsletter	Select Publication Issue (Mark with x)	
			January 2016	April 2016
Square (Not front page)	R 2 000	2		
Skyscraper (Front page)	R 4 000	1	Booked - Rocbolt	
Full page (Middle)	R 8 000	1		



Membership

Dave Neal





Targets for Membership

Expansion

- Enlarge the membership base beyond mining
- Encourage people to occupy the relevant grade for their qualifications and seniority.



Membership

Grades

CATEGORY	2011 - 2012	2012-2013	2013-2014	2014-2015
Honorary Life Fellows	16	19	19	18
Fellows	18	15	17	16
Members	148	165	174	186
Associate Members	259	284	286	340
Retired Members	5	7	6	9
Corresponding Members	2	2	4	5
Student Members	3	3	3	6
TOTAL MEMBERS:	451	495	509	580

- Growth

Category	2010	2011	2012	2013	2014	2015
Members	15%	-3%	6%	11%	5%	7%
Associates	49%	18%	3%	10%	1%	19%
Total (All categories)	29%	9%	4%	10%	3%	14%



Current education

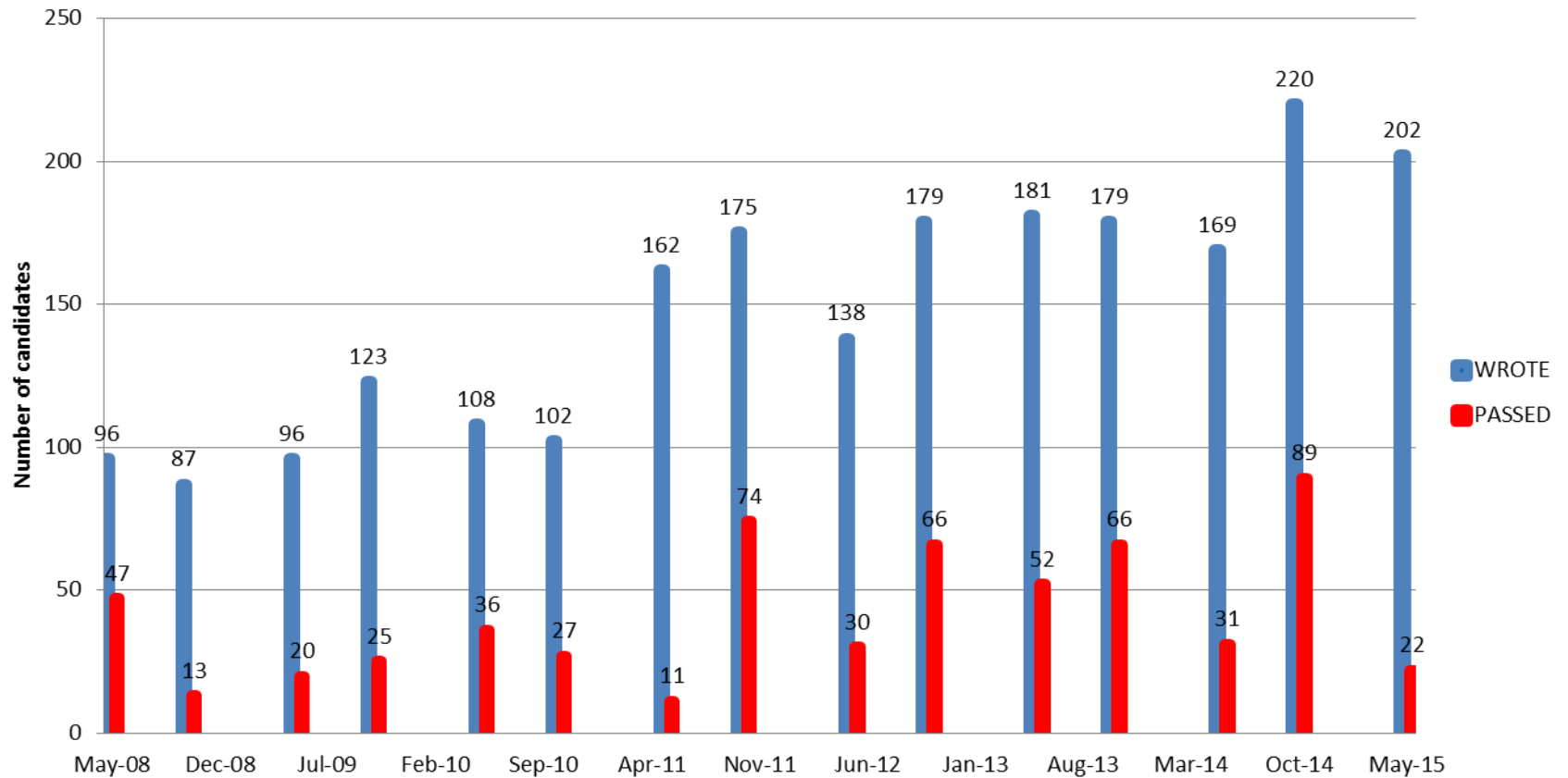
Yolandi Jooste





Current Education

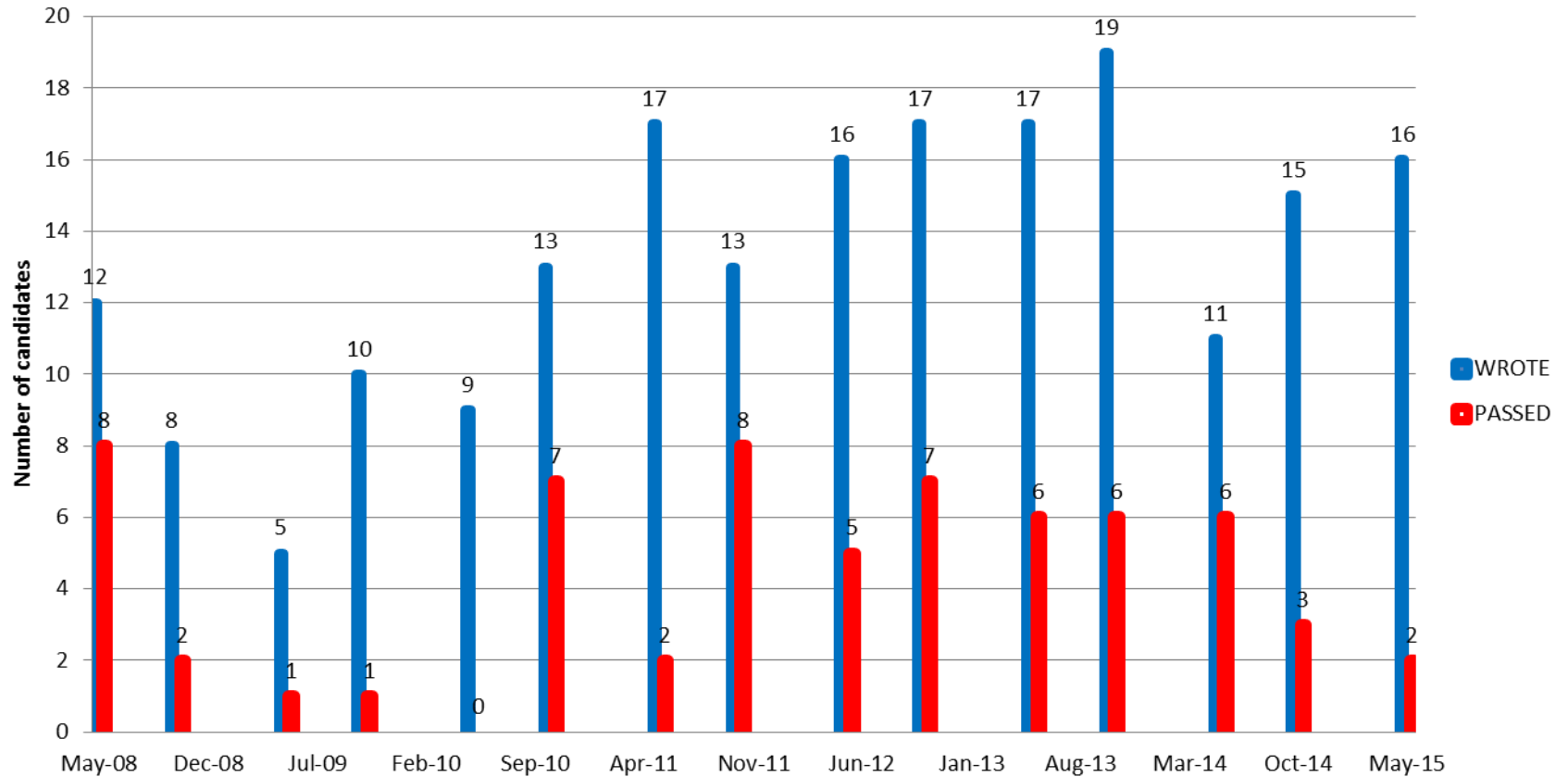
Strata Control - Hard Rock





Current Education

Strata Control Soft Rock

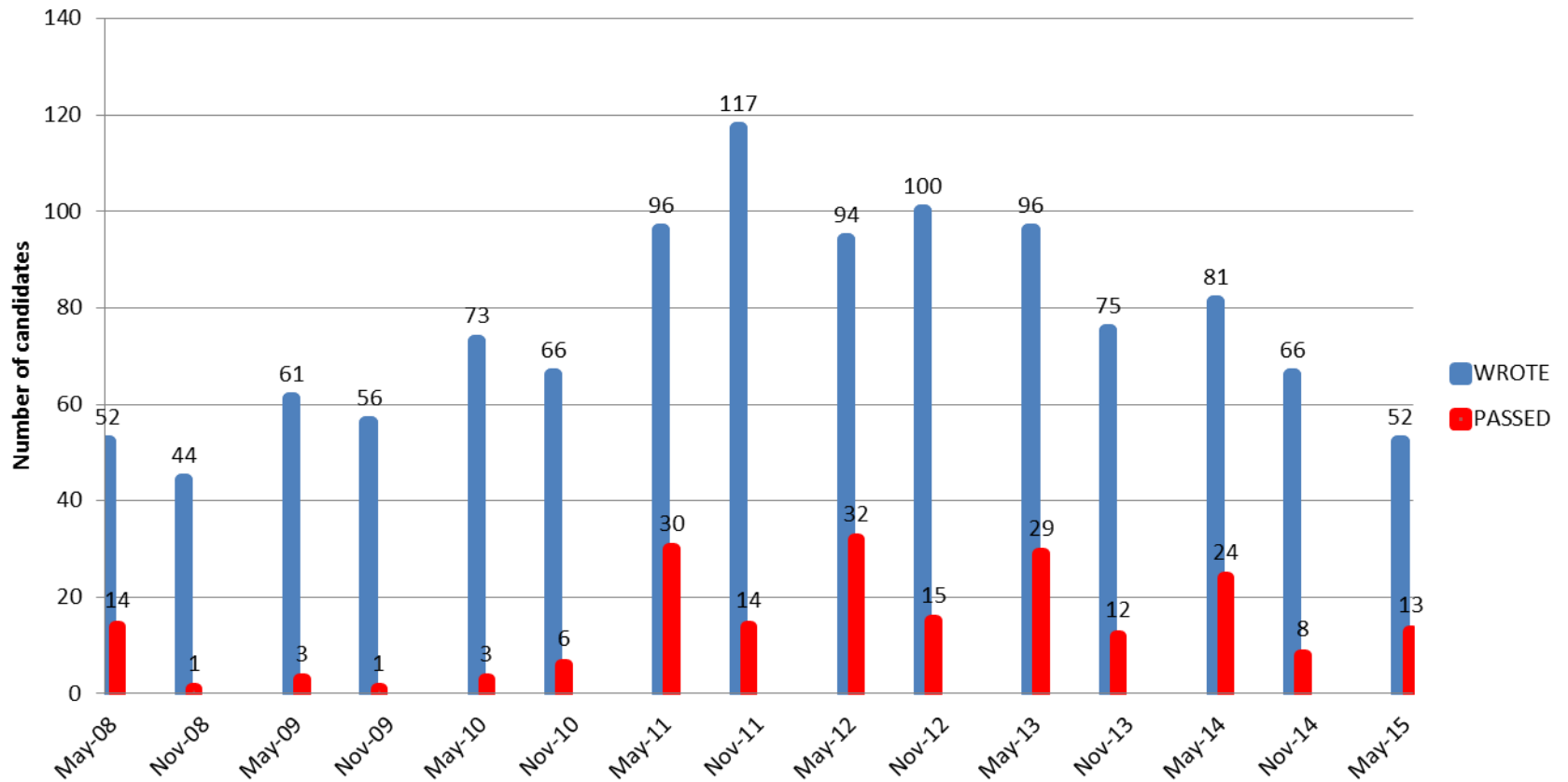




Current Education

Theory

Paper 1

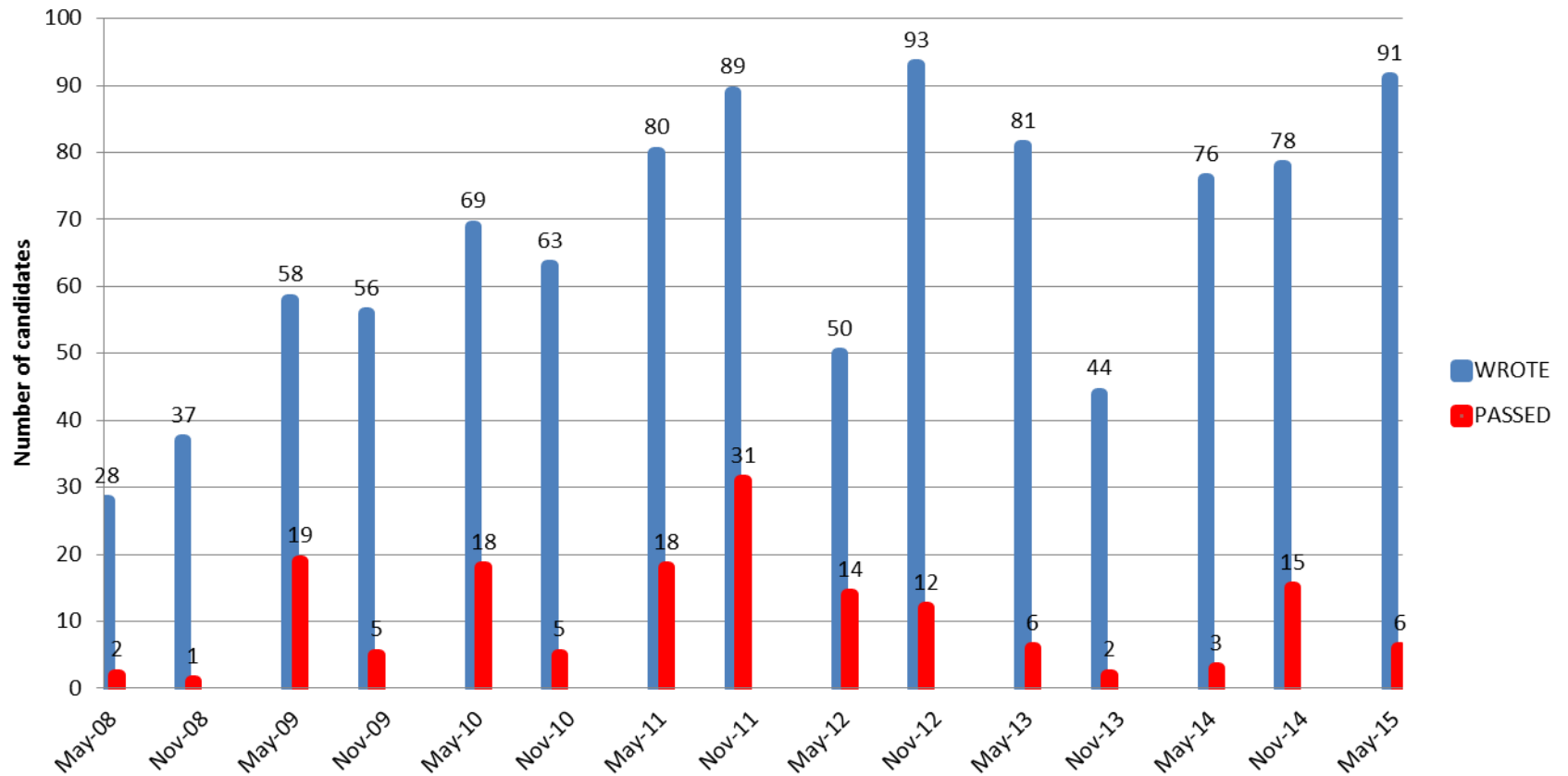




Current Education

General

Paper 2

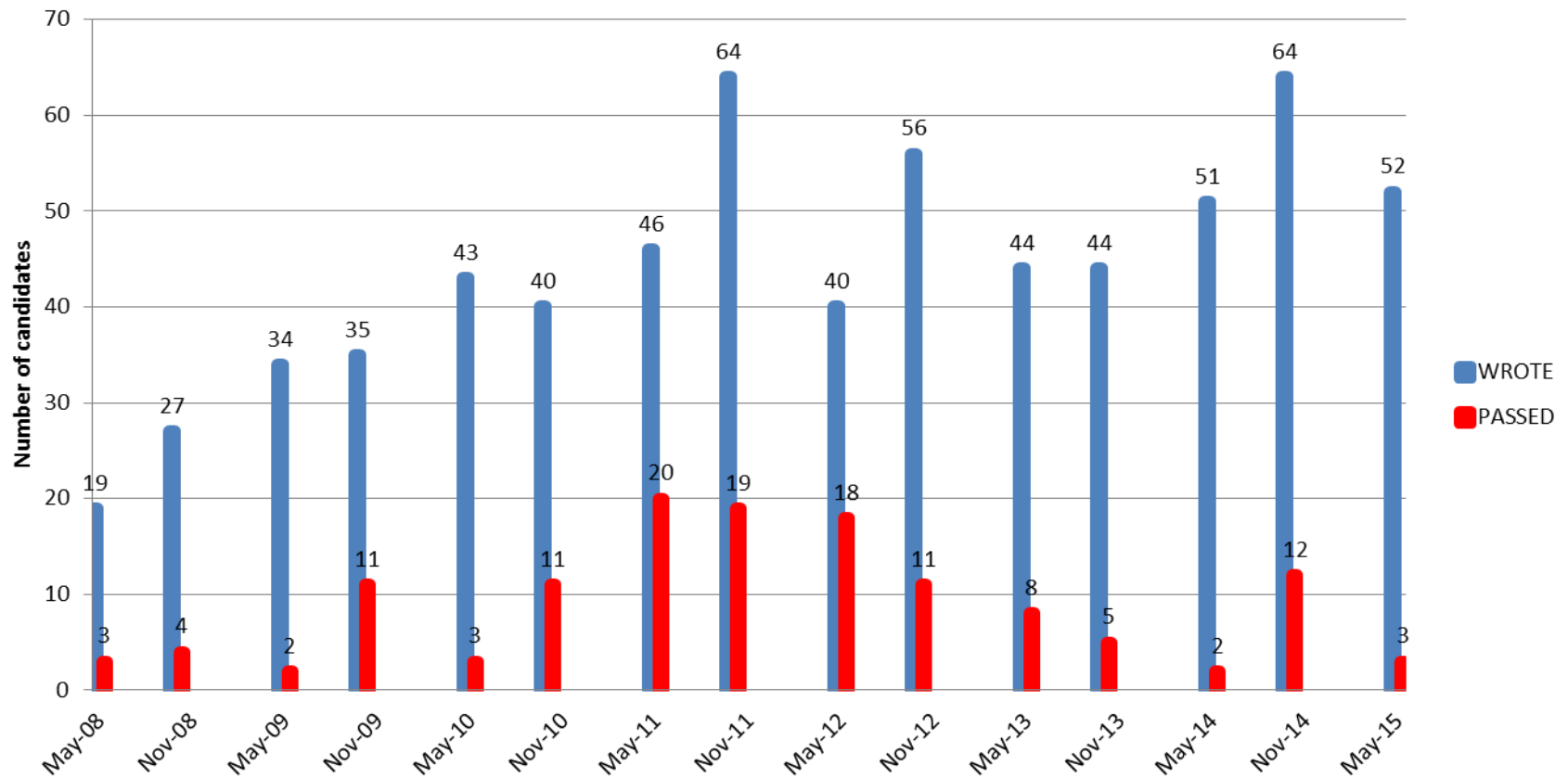




Current Education

Hard rock tabular

Paper 3.1

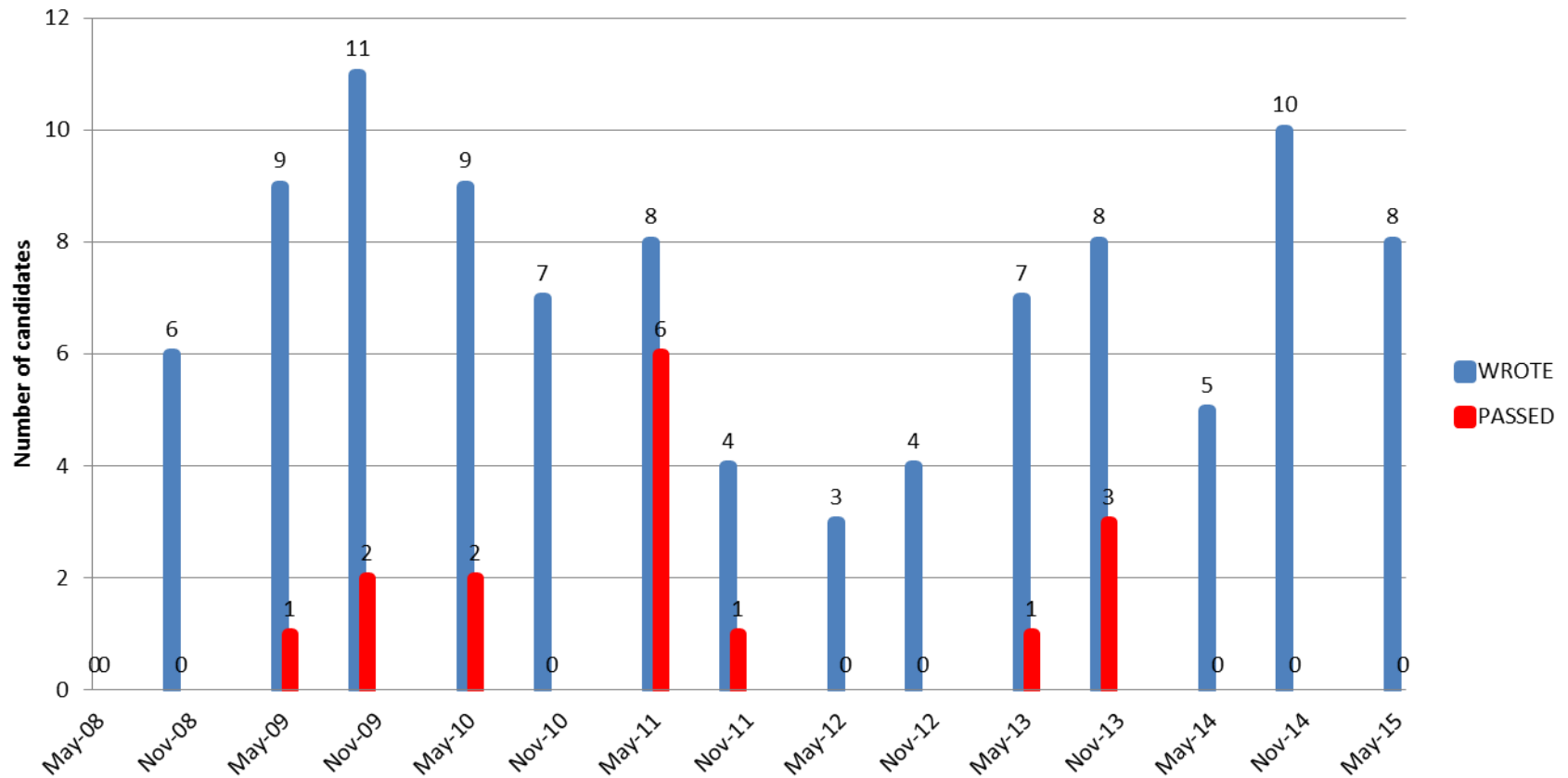




Current Education

Soft rock tabular

Paper 3.2

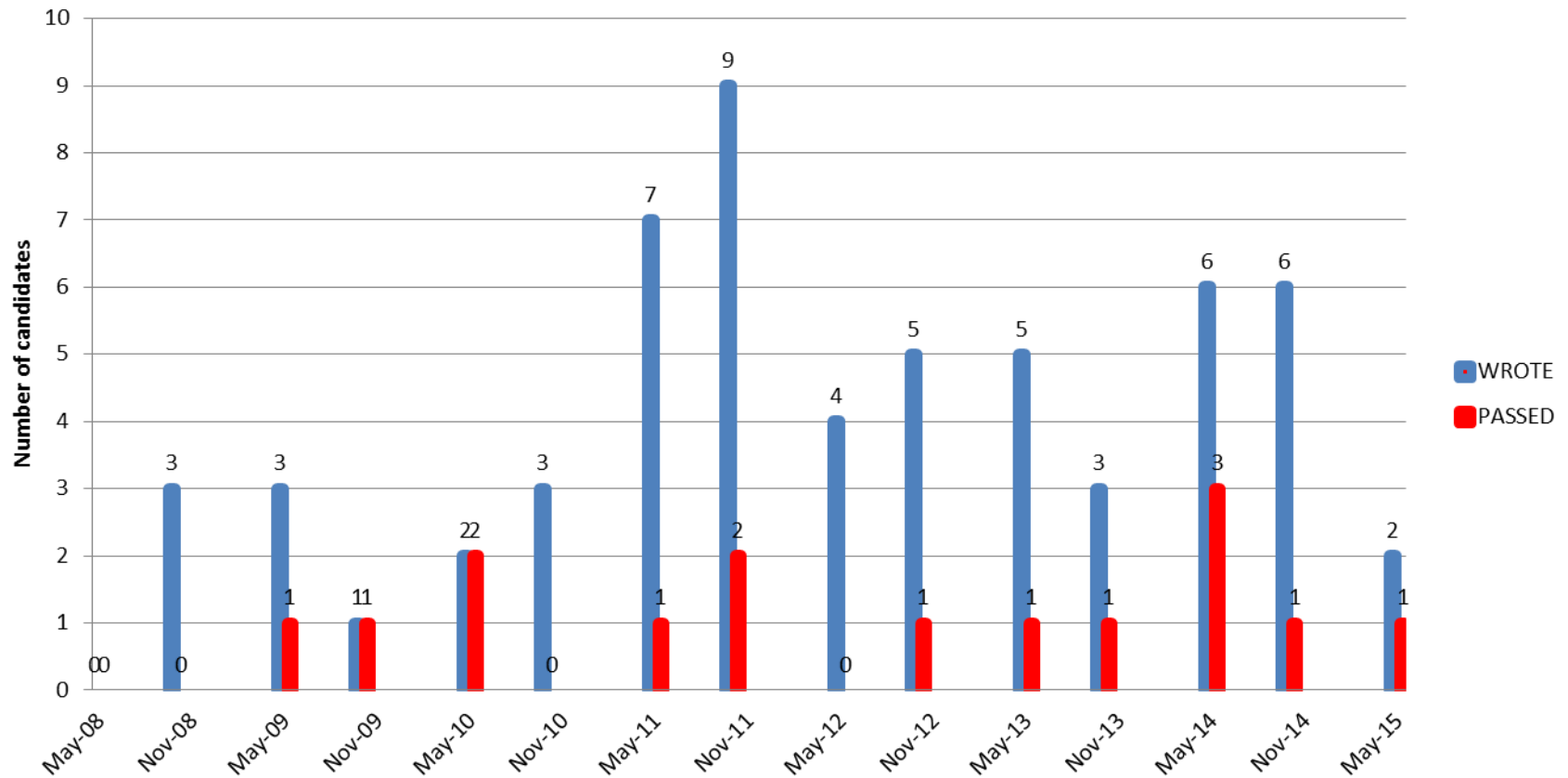




Current Education

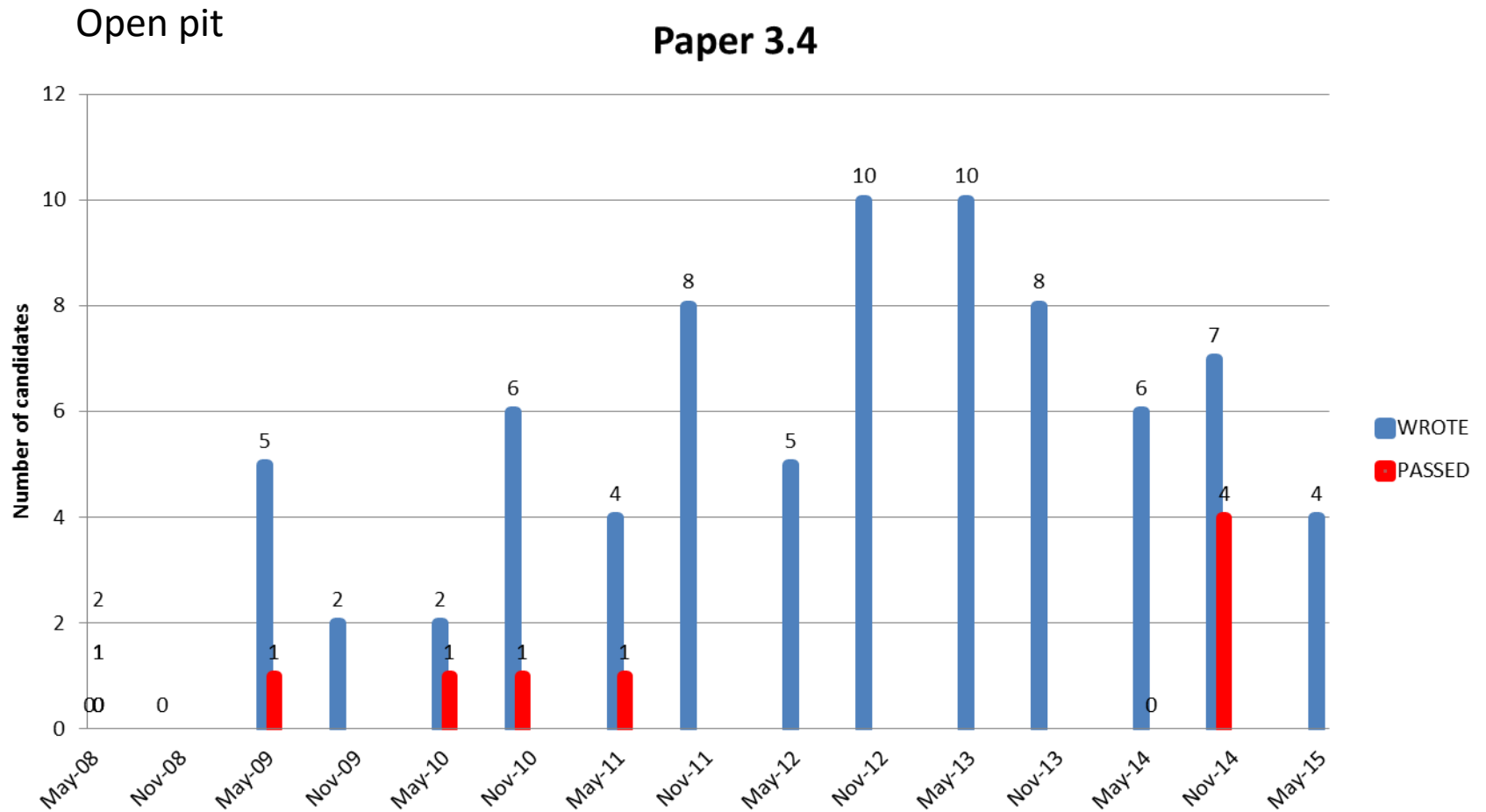
Massive

Paper 3.3





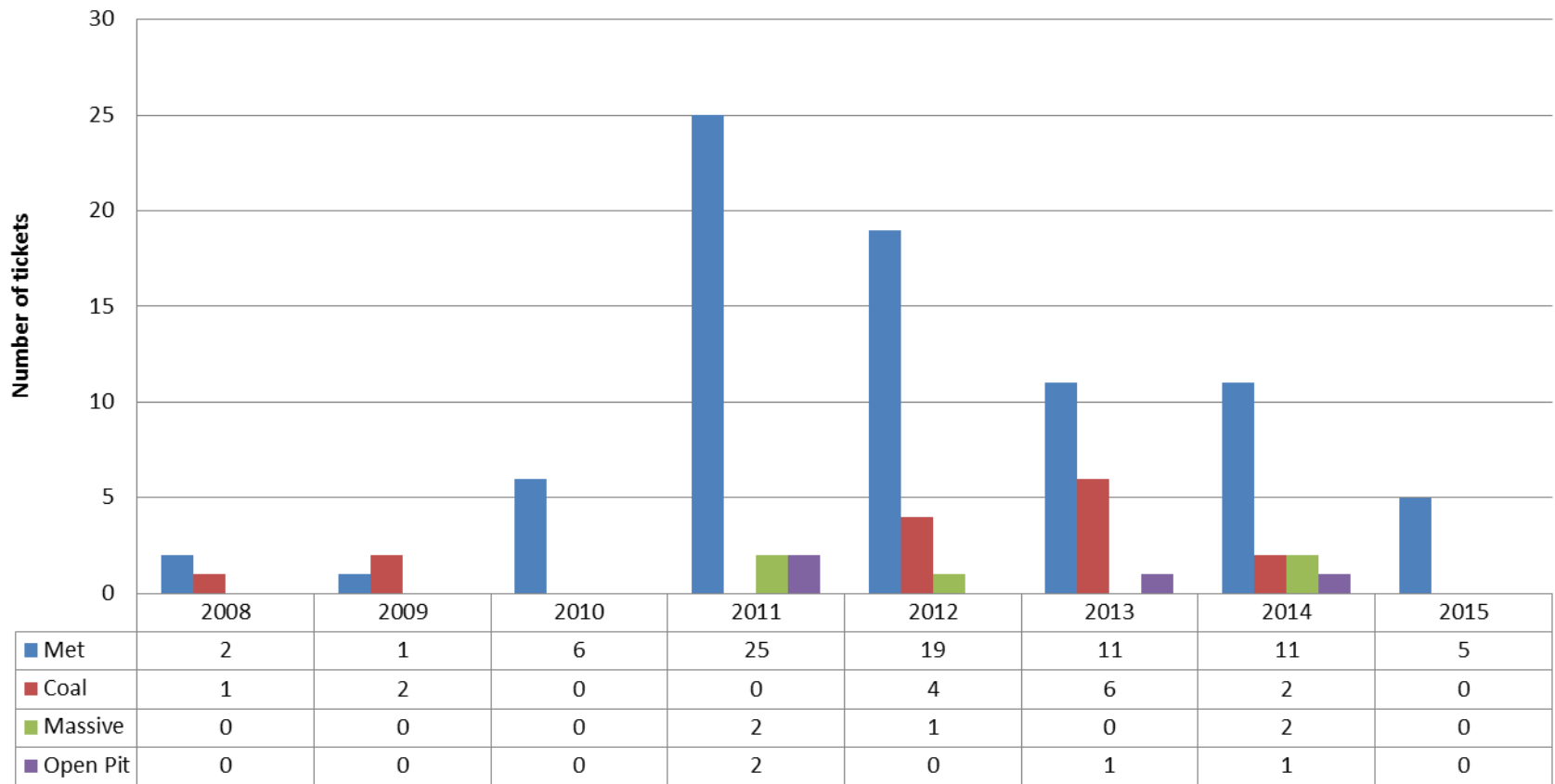
Current Education





Current Education

Number of Rock Engineering Tickets Issued Per Year





Awards

Michael du Plessis

Current awards:

- Rocha medal (ISRM) – 2017 (31 December 2015 Sub)
- Lifetime Achievement Award (Honorary Fellowship)
- Lifetime achievement Award (Honorary Membership)
- Salamon Award (best refereed paper)
- Ortlepp Award (best refereed paper) – Below 35
- Practitioner of the Year Award (branch nominations)
- COM Certificates Awards (highest marks > 75%)
 - SCO, P1, P2 & P3
- RE Tickets achieved
- Student Awards (best marks @ universities)



Awards: Examination

Rock Engineering tickets obtained

Name	Ticket number
Brett Alfred Hales	518
Christoffel P F van Rooyen	519
Deniol Jones	520
Nkata Malitino	521
Thokozani Sidwell Habile	522
Darlington Brilliant Nkomo	523
Kanagalingam Yathahan	524
Darryl James Slawson	525
Thobile T N Jiyana	526
Jupiter Chinyadza	527
Flanklin B Musakale	528
Raymond Mateveke	529
Mongezi Godfrey Magwaza	530
Thapelo Welcome Chauke	531
Dewald Lamprecht	532
Cassius Selai	533
Jennifer Pinkington	534
Enya Ismene Nilis	535



Awards: Examination

Best result in Oct 2014 or May 2015 exams (>75%)

AWARD	CANDIDATE	
Candidate awards	Bennett Macuacua (85%)	SCO Met (May 15')
	Gift Thantsha (82%)	P1 (May 15')
	Jennifer Pilkington (88%)	P2 (May 15')
	Moses Modika (76%)	P3.1 (May 15')



Awards: Best student

Best result in 2014 at Wits and Pretoria universities

AWARD	CANDIDATE	
Best student	Kara Lombard	Pretoria
	Lunghile Ngobeni	Wits



Closure

Afternoon arrangements

- **Lunch**
- **Golf**
- **Networking**