



# FUNGIS Winter News

Far North Queensland  
GIS User Group Inc.  
ABN 24 188 148 957

*Don't be left in the dark*

## Welcome to the FUNGIS newsletter

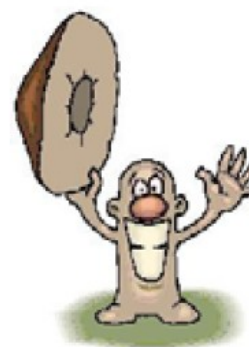
In brief:

- Report from the deputy chair... No it's not a throne...
- Spatial News & Tid-bits
- SSSI Workshop & **Fungis Annual Conference 2009**  
"Emerging Spatial Technologies"
- SSSI YP Reef Trip - Frankland Islands
- Funny Photo Caption Winner
- Kayla's How to Cope Instructions
- Joke - 5 minute Management Course
- Newsletter Update
- Appendix A: Ecology of *Furca domesticus*
- Appendix B: ABS Proposed SA2 Boundaries Qld

### *Inside this issue:*

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Report from the Chair	2
Spatial News & Tid-bits	3
Fungis Annual Conf.	4
SSSI YP Reef Trip	6
Fungis Competition	7
How to Cope 4 Dummies	8
Joke - Mngmt Course	9
Newsletter Updates	12





Dear Members

So here we are past the halfway mark for this year...where has the year gone???

We had a very successful Mapping Cultural Heritage and Native Title workshop in April thanks to Meagan, Rod and Bob. It was great to see a number of different faces there which just highlights the contribution that the spatial industry is able to offer many different work groups and organisations.

The two day "Emerging Spatial Technologies" workshop being held in conjunction with the Surveyors and Spatial Sciences Institute (SSSI) Qld Young Professionals is coming along really well thanks to Alistair and all his hard work. It's great to see the Fungis mystery tour back on the agenda again, can't wait to see where we end up. I'm sure there are still those that have fond memories of the mystery bus tour in Yungaburra many years ago. Aside from the many interesting presentations over the two days the SSSI YP Boat trip on Saturday should be fantastic I have seen a number of presentations by Stuart Kinninmonth so am sure that being out in his working environment will only make this one even better...no pressure Stuart....

So please visit the Fungis website ([www.fungis.org](http://www.fungis.org)) and have a look at the program for the two days. I also encourage all members to attend the Fungis Directions Forum and AGM after lunch on the Thursday of the workshop. The Fungis group is for you the member so we need your ideas/suggestions on how you want the exec to proceed over the next 12 months. We are still looking for a new Chair so don't be shy give it a go, myself and the exec will support you.

Mark in your diary now our future workshops to be held in Cairns.

October – ***Reef Atlas and Water mapping***

November – ***Weeds mapping workshop / End of year get together***

Just a reminder that the Fungis executive meetings are held the last Friday of every month from 9.30 am to 11 am. All members are invited and welcome to attend the meetings or alternatively if you have an issue you would like discussed please contact Meagan ([admin@fungis.org](mailto:admin@fungis.org)) for inclusion on the agenda. We are always looking for interesting articles, pictures etc for our newsletter so don't forget the send them in.

Hope to see you at the Emerging Spatial Technologies workshop.



Sharlene Blakeney  
Deputy Chair  
Far North Qld GIS Group Inc (Fungis)





## **SPATIAL NEWS & TID-BITS**

### Miniaturisation Technology

The world's smallest Radio Frequency Identification Device (RFID) tag has been developed, measuring only 0.05mm x 0.05mm—this is a picture of the chips next to a human hair.



Photo sourced from website below

Read more at <http://www.technovelgy.com/ct/Science-Fiction-News.asp?NewsNum=939>

Article provided by Alistair Hart (alistairh@atgis.com.au)

### Global Digital Elevation Model (GDEM) from ASTER & NASA

NASA, Japan has released most complete topographic map of earth, GDEM captured by ASTER across the globe. You are able to access individual tiles of the DEM for free or the entire dataset can be obtained for US\$85.

Check it out at <http://www.nasa.gov/topics/earth/features/aster-20090629.html>

Article provided by David Hine (David.Hine@landandwater.com.au)

### Opto-acoustic underwater remote sensing equipment

CSIRO's Wealth from Oceans Flagship is developing an airborne, remote-sensing instrument that can 'see' beneath water, even when the water is cloudy, by the use of optical and acoustic technologies.

See more at <http://www.csiro.au/multimedia/remote-sensing-instrument-for-water.html>

Article provided by David Hine (David.Hine@landandwater.com.au)





## Spatial Sciences Institute Emerging Spatial Technologies Workshop

**BRISBANE – SATURDAY 30<sup>th</sup> MAY, 2009 – BARDON CONFERENCE CENTRE**  
**CAIRNS – 13<sup>th</sup> & 14<sup>th</sup> AUGUST, 2009 – AS PART OF FUNGIS CONFERENCE**

Ever wondered how you can save time and money by making more informed choices about spatial information technology?

The Emerging Spatial Technologies Workshop Series 2009 is designed to showcase the latest in Spatial Information. Leading Spatial Providers will be assembled to present this one day workshop. Hailed a success for the previous two years in Brisbane, this year, workshops will be held in both Brisbane and Cairns.



The concurrent trade display will allow you to meet with leading spatial providers and talk with them about the latest products and services they have on offer. This workshop is designed for all levels of users and creators of spatial information.

Topics to be discussed cover a wide range including: Surveying Equipment, Airborne Technology, Satellite Imagery, GIS Software, Legal and economic issues affecting the Spatial Industry, How technology is used in solving environmental and infrastructure issues.

### BRISBANE WORKSHOP

When: Saturday 30<sup>th</sup> May, 2009  
Where: Bardon Convention Centre  
390 Simpsons Road, Bardon  
Costs: Students \$77  
SSI YP's \$110  
SSI Members \$154  
Non-SSI Members \$198  
Includes: Full day workshop  
Morning and afternoon tea  
Buffet Lunch  
Drinks afterwards  
Free parking at venue

### CAIRNS WORKSHOP (as part of Fungis 2-day Annual Conference 2009)

When: Thursday 13<sup>th</sup> and Friday 14<sup>th</sup> August, 2009  
Where: Rydges Tradewinds Esplanade  
137 Esplanade, Cairns  
Costs: Students \$155  
Fungis Members \$155  
SSI members \$155  
Non-members \$200  
NB. Price is for 2 day conference

Followed by Young Professionals Reef Trip from Cairns to the Great Barrier Reef on Saturday 15<sup>th</sup> August, 2009

For more information, please e-mail [estworkshop@gmail.com](mailto:estworkshop@gmail.com)  
or contact Shona Chisholm – (07) 3871 0088  
Registration details will be available on [www.spatialsciences.org.au](http://www.spatialsciences.org.au)







**Combined Fungis Annual Conference  
& SSSI YP's Emerging Spatial Technologies Workshop**

**August 13<sup>th</sup> – 15<sup>th</sup>**



*Draft Program (subject to change without notice)*

Start Time	End Time	Topic	Presenters (TBC)
<b>Day One – Thursday 13<sup>th</sup> August</b>			
8:30	9:00	Registration	
9:00	9:10	Conference Welcome – Fungis Deputy Chair	
9:10	9:50	<b>Keynote Address: Bushfire Recovery - The role of spatial information in supporting decision making. Adam Todhunter, Victorian Dept of Education and Early Childhood Development</b>	
9:50	10:15	<b>Keynote Address: Spatially-enabled Google API's. Thor Mitchell, Google</b>	
10:15	10:40	IPIP & EIM - Spatially driven planning and modelling, Stuart Elkins, Ergon Energy	
10:40	11:10	<b>Morning Tea</b>	
11:10	11:35	'PCAMS' Innovative Permit Management System, Laise Harris, GBRMPA	
11:35	12:00	HRIC Enterprise GIS. Raymond DeLai, Herbert Resource Information Centre	
12:00	12:25	Regional Initiative Review	
12:25	12:50	Regional Initiative Review	
12:50	1:50	<b>Lunch</b>	
1:50	3:20	Northern Spatial Directions for 2010 – have your say in the future!	
3:20	3:45	<b>Afternoon tea</b>	
3:45	5:00	Conference Mystery Tour... One of the fine traditions of Fungis!	
6pm - Late		<b>Conference Dinner</b> <i>*Register separately – details at <a href="http://www.fungis.org">www.fungis.org</a></i>	
<b>Day Two – Friday 14<sup>th</sup> August</b>			
8:30	9:00	Registration	
9:00	9:10	Conference Welcome – SSSI Old Young Professional representative	
9:10	9:45	<b>Keynote Address: Spatial Data for Gov 2.0 – The role of government. Ben Searle, Australian Government Office of Spatial Data Management</b>	
9:45	10:10	<b>Keynote Address: Google Wave – what is it and why? Thor Mitchell, Google</b>	
10:10	10:35	<b>Morning Tea</b>	
10:35	11:00	Advances in Surveying	
11:00	11:25	Emerging Spatial Technologies. John Lockton, Pitney Bowes Business Insight	
11:25	11:50	Exploiting LIDAR Technologies. David Moore, Terranean Mapping Technologies	
11:50	12:15	Satellite Imagery Trends. Shona Chisolm, Geoimage	
12:15	12:30	Questions	
12:30	1:30	<b>Lunch</b>	
1:30	1:55	ESRI Australia Update - What's New at 9.3.1, Desktop, Server and Image Server, Ben Somerville, ESRI Australia	
1:55	2:20	Digital Data: Capture Once, Use Many Times, Michael Krome, GeoSolutions Australia	
2:20	2:45	QSIC and DERM Foundation Spatial Data Initiatives. Peter Gersekowski, QSIC/DERM	
2:45	3:10	<b>Afternoon tea</b>	
3:10	3:35	ATGIS update. Alistair Hart, Atherton Tablelands Geographic Information Services	
3:35	4:00	SSSI Professional Development Update, Susan de Weger, SSSI Queensland	
4:00	4:15	Questions and Closing	
<b>Frankland Islands Reef Trip - Saturday 15<sup>th</sup> August - Organised by CAIRNS SSSI YP's</b> <i>*Register separately - details at <a href="http://www.fungis.org">www.fungis.org</a></i>			
7am sharp!		Registration at Cairns Central YHA	
7:00	7:40	Bus departs from Cairns Central YHA, 20-26 McLeod St Cairns.	
7:40	9:00	Travel by Boat from Deeral to Frankland Islands	
9:15	10:00	<b>Reef oriented presentation on board RV 'Frankland Islander'</b> Stuart Kininmonth – Australian Institute of Marine Science	
10:00	12:00	Disembark to Island - Snorkelling/Beachcombing/Optional Diving	
12:00	1:00	Lunch	
1:00	3:30	Frankland Islands – Snorkelling/Beachcombing/Optional Diving	
3:30	5:00	Return via Reef Vessel and bus to Reef Terminal, Cairns	

This event is kindly supported by the following organisations:





**Great Barrier Reef Trip**  
**CAIRNS – Saturday 15 August 2009**  
**Brought to you by the Far North**  
**Queensland Young Professionals**

**What is it?**

This is full day trip to the uninhabited Frankland Islands. The Great Barrier Reef will provide a fantastic setting for the event. Stuart Kininmonth, from the Australian Institute of Marine Science, will present on applications of spatial technologies pertinent to the area. There will also be plenty of time for networking, snorkelling and enjoying the natural beauty of an uninhabited tropical island.

Although a SSSI YP is someone who is a member of the Surveying & Spatial Sciences Institute aged under 36 at the time of registration, attendance is open to anyone who is interested. The event has been timed to occur the day after the Fungis/SSSI YP conference in Cairns, allowing those who have travelled to Cairns for the conference to gain even more value from their time in the area.

Due to the limited capacity of the vessel, participant numbers are limited, so please register early to avoid disappointment.

3.5 SSSI CPD points have been allocated for the event.

**When is it?**

Saturday 15<sup>th</sup> August, from 7:40am until 5:00pm-5:30pm.

**Where is it?**

The pickup point is from Cairns Central YHA, 20-26 McLeod St Cairns. Free car parking is available at Cairns Central Shopping Centre (opposite). We travel by bus to Deeral, and then by boat to Normanby Island.

**How much is it?**

Registration costs \$135 for SSSI YPs and \$145 for everyone else. The registration fee covers the presentation, all transport, a tropical buffet lunch, a glass bottom boat cruise and all snorkelling equipment.

**What should I bring?**

You'll need to bring sunscreen, a hat, swimwear and some comfortable shoes for beachcombing.

**How do I register?**

Register online at [www.fungis.org](http://www.fungis.org)

**Who can I contact for more information?**

Carl Schedlich – phone (07) 4091 8604 or email [carls@atgis.com.au](mailto:carls@atgis.com.au)

**NEW Fungis Newsletter Competition - Funny Photo Caption!!**

Submit a quote caption for the chosen photo below and the winning entry will be announced in the next Fungis newsletter. Submit entries to [laiseh@atgis.com.au](mailto:laiseh@atgis.com.au) or [admin@fungis.org](mailto:admin@fungis.org) by COB 29th May 2009.



**Photo (A): Fungis Mates**

**Funny Caption:** \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Gavin Kay & Geoff Onus from  
Terrain NRM, Qld  
(Photo provided by Rod Nielson)

**AND THE WINNER IS:**

**“Well I thought it was funny”**

**By Bob Peever**

For his prize, Bob will receive an ESRI Backpack and Map Book.

**The A-Z of Google Maps**

A Melbourne man has completed a 6-month quest to turn topography into typography. Rhett Dashwood has published a Google Maps alphabet featuring all 26 letters which he found in man-made or naturally-occurring formations.

<http://www.smh.com.au/news/technology/web/the-az-of-google-maps/2009/04/27/1240684374160.html>

Article provided by Bob Peever ([bpeever@bordnet.com.au](mailto:bpeever@bordnet.com.au))



Photo sourced from <http://rhettashwood.com.au/#16575>



My daughter Kayla arrived home from Melbourne recently and within the first hour tragedy struck (well at least a tragedy for one of generation Y). Below is how the tragedy unfolded and I must note that I am not the help and when step 12 was administered I decided I would stay right out of the whole saga.....Sharlene Blakeney (sharleneb@terrain.org.au)

### **Kayla's How-To Cope Instructions... Dropping your iPhone in the Toilet for Dummies**

Like a website I read please don't purposely let your iPhone commit suicide (like mine did) and only follow this if your phone has already taken the plunge...

1. You hear the splash... yup this would be your phone trying to commit suicide
2. Stare in horror... thank god you had just walked in and not actually sat down yet... phew
3. Dive dive dive....
4. Stare at phone in horror
5. Wash hands
6. Scream... loudly through the house... preferably for help
7. Try and calm down enough to explain to the 'help' why you are screaming
8. Watch the lights fade on your iPhone
9. Plead with your phone not to die
10. Realise that you are pleading with a phone
11. Hand the phone over to the 'help' who clearly looks in a better state then you
12. Stare in horror as the 'help' drops the phone into metho... yes metho
13. Try and grasp that your phone is still sitting in metho whilst listening to some explanation of this method...
14. This step is only required if you are female... cry
15. Search the internet for ideas on how to 'help' the suicidal iPhone
16. Cry when you realise the internet is full of bulls...t
17. Give up... the phone clearly wanted death... could it have really been that bad being my phone??
18. Two days later...
19. Contemplate plugging the phone into power...
20. Recognise the damage it could do to your parent's house if this plan goes wrong...
21. Plug it in anyway
22. Stare in amazement as the god blessed apple logo appears on the screen
23. Hold breath and stare until screen flashes...
24. Recognise the phone now has sparkly parts...
25. Run screaming from the room...
26. Calm down enough to thank the 'help'
27. Decide that iPhone suicide rates might be on the increase...
28. Inform friends





**5 Minute Management Course**

**Lesson 1:**

A man is getting into the shower just as his wife is finishing up her shower, when the doorbell rings.

The wife quickly wraps herself in a towel and runs downstairs.

When she opens the door, there stands Bob, the next-door neighbour.

Before she says a word, Bob says, 'I'll give you \$800 to drop that towel.'

After thinking for a moment, the woman drops her towel and stands naked in front of Bob, after a few seconds, Bob hands her \$800 and leaves.

The woman wraps back up in the towel and goes back upstairs.

When she gets to the bathroom, her husband asks, 'Who was that?'

'It was Bob the next door neighbour,' she replies.

'Great,' the husband says, 'did he say anything about the \$800 he owes me?'

**Moral of the story:**

***If you share critical information pertaining to credit and risk with your shareholders in time, you may be in a position to prevent avoidable exposure.***

**Lesson 2:**

A priest offered a Nun a lift..

She got in and crossed her legs, forcing her gown to reveal a leg.

The priest nearly had an accident.

After controlling the car, he stealthily slid his hand up her leg.

The nun said, 'Father, remember Psalm 129?'

The priest removed his hand But, changing gears, he let his hand slide up her leg again.

The nun once again said, 'Father, remember Psalm 129?'

The priest apologized 'Sorry sister but the flesh is weak.'

Arriving at the convent, the nun sighed heavily  
and went on her way.

On his arrival at the church, the priest rushed to look up Psalm 129. It said, 'Go forth and seek, further up, you will find glory.'

**Moral of the story:**

***If you are not well informed in your job, you might miss a great opportunity.***



**5 Minute Management Course**

**Lesson 3:**

A sales rep, an administration clerk, and the manager are walking to lunch when they find an antique oil lamp.

They rub it and a Genie comes out.

The Genie says, 'I'll give each of you just one wish.'

'Me first! Me first!' says the admin clerk. 'I want to be in the Bahamas , driving a speed-boat, without a care in the world.' Puff! She's gone.

'Me next! Me next!' says the sales rep. 'I want to be in Hawaii , relaxing on the beach with my personal masseuse, an endless supply of Pina Coladas and the love of my life.' Puff! He's gone.

'OK, you're up,' the Genie says to the manager..

The manager says, 'I want those two back in the office after lunch.'

**Moral of the story:**

***Always let your boss have the first say.***

**Lesson 4**

An eagle was sitting on a tree resting, doing nothing.

A small rabbit saw the eagle and asked him, 'Can I also sit like you and do nothing?'

The eagle answered: 'Sure, why not.'

So, the rabbit sat on the ground below the eagle and rested. All of a sudden, a fox appeared, jumped on the rabbit and ate it.

**Moral of the story:**

***To be sitting and doing nothing, you must be sitting very, very high up.***

**Lesson 5**

A turkey was chatting with a bull.

'I would love to be able to get to the top of that tree' sighed the turkey, 'but I haven't got the energy.'

'Well, why don't you nibble on some of my droppings?' replied the bull. They're packed with nutrients.'

The turkey pecked at a lump of dung, and found it actually gave him enough strength to reach the lowest branch of the tree.

The next day, after eating some more dung, he reached the second branch.

Finally after a fourth night, the turkey was proudly perched at the top of the tree.

He was promptly spotted by a farmer, who shot him out of the tree.

**Moral of the story:**

***Bull crap might get you to the top, but it won't keep you there..***



**5 Minute Management Course**  
**Lesson 6**

A little bird was flying south for the winter. It was so cold the bird froze and fell to the ground into a large field.

While he was lying there, a cow came by and dropped some dung on him.  
As the frozen bird lay there in the pile of cow dung, he began to realize how warm he was.

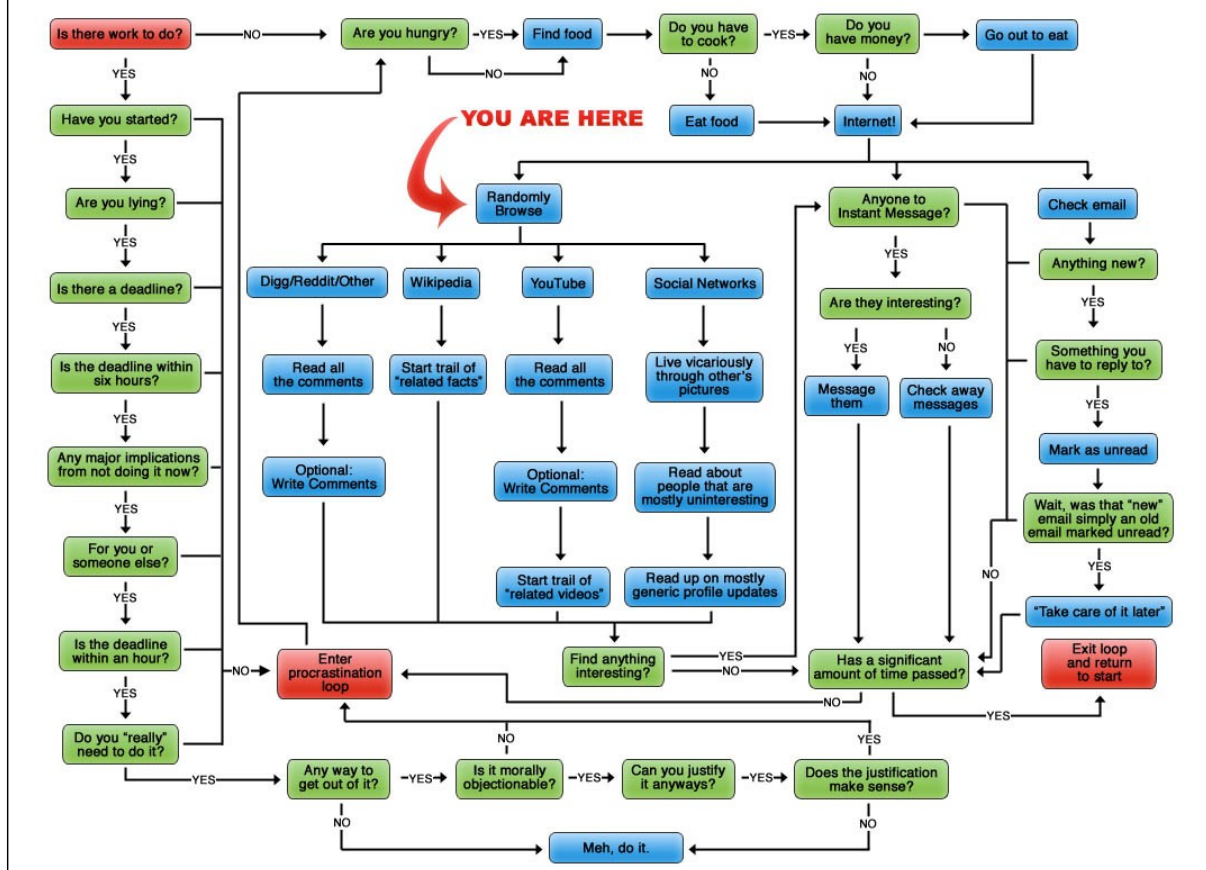
The dung was actually thawing him out!  
He lay there all warm and happy, and soon began to sing for joy.  
A passing cat heard the bird singing and came to investigate.

Following the sound, the cat discovered the bird under the pile of cow dung, and promptly dug him out and ate him.

**Morals of the story:**

- (1) Not everyone who poops on you is your enemy.***
- (2) Not everyone who gets you out of poop is your friend.***
- (3) And when you're in deep poop, it's best to keep your mouth shut!***

***THUS ENDS THE FIVE MINUTE MANAGEMENT COURSE***





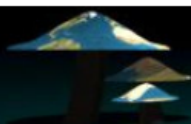
### Some exciting new changes to the Fungis newsletter

2009 has brought about some exciting new additions to the Fungis newsletter to better facilitate exchange between Fungis members and encourage active participation in Fungis activities and networking. We encourage the membership to provide feedback on the new additions and to also let us know if you would value the inclusion of anything else in the Fungis newsletter. **Email:** ([laise.harris@gbmpa.gov.au](mailto:laise.harris@gbmpa.gov.au))

As the newsletters purpose is to inform, share and update the membership on the latest and greatest Spatial technologies, news, applications and local projects it is essentially driven by the membership submitting newsletter articles to be published. The content, and therefore the quality of the newsletter is up to you!!

### **Some NEW features**

**NEW Classified section** of newsletter - allowing for the exchange, sale or advertisement of things that could be of interest to the entire Fungis membership. This includes sale of spatial technology & equipment, data & imagery, or even position vacancies at your organisation.



# FUNGIS

### **Fungis Directions Forum & AGM - August 13th 2009**

The Fungis Directions Forum and AGM will be held in conjunction with the Emerging Spatial Technologies workshop and Fungis Annual Conference. This is your chance to get involved in the direction that Fungis will take for the coming year. There will also be nominations for the Fungis Executive Committee. Get involved and make the most of this great networking and support group.

See current Fungis executive profiles at [www.fungis.org](http://www.fungis.org)

