Why I am here?

For one of two reasons;

You are NEVER too old to study.

Beginning of an era with highly trained graduates.
But First a little about me....

Cody Kinzett
grew up in UH

Good at Biology so...
BSc in Biology, and did Geog as interest

Saw a poster for MGIS in Hallway

Try Postgrad Diploma in GIS

...Then try MGIS
What is a PG DIP?

Post-Graduate Diploma

Only Graduands?

Route 1

Undergrad Degree
Then PG DIP based on Grades

Geography
Computer Science

Pros- broad and thorough
Cons- expensive and time consuming

Route 2

Ad eundum statum
(of equivalent status)

Referees
Portofolio
Decision from the Dean
PG Certificate of Proficiency

Pros- straight to specialist
Cons- sink or swim
not always accepted
Often have to complete pre-requisite courses
How does it work?

Distance Delivery that requires attending a particular university
Run in Cooperation with UC, VUW, and AUT
Initial meeting in Kaikoura for all PGDIP/MGIS participants

Lectures are then attended by students either directly or indirectly using online tools.

Scopia, Learn and the online tools
How does it work?

1\textsuperscript{st} year PG DIP - 4 compulsory 'Base' courses & 4 Electives
2\textsuperscript{nd} year Masters Thesis – about 100 pages

GISC401 Introduction to GIS – 1 week long field trip and theory development

GISC404 Spatial Statistics – Understanding spatial analytics and stats

GISC402 GISc & Research - Preparation for Masters, Thesis writing, Guests

GISC403 Geovisualisation & Cartography – Map design and usability
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Electives?

- 2 Programming papers from simple python – to advanced algorithms
- Earth observation
- Remote Sensing
- Internship
- GIS and Health
- GIS in Conservation
- Locally Based Electives

How can you choose only 4 from such an incredible selection?
Selection doesn't remove diversity

Geographers, Geologists, Biologists, Statisticians, and Engineers

Very diverse and all have different interests and it shows in work

Research projects/ propaganda maps/ stats maps

Analysts

Statisticians

Programmers
Propaganda Maps – Data manipulation and misleading information

Religions in Canterbury in 2006

Total Count Across Canterbury
- Muslim - 2562 people
- Other Religion - 12,421 people
- Christian - 291,957 people
- No Religion - 184,773 people
- Not Stated - 61,662 people

Lazy Kiwis
Surburban Kiwis Highly Unemployed

These statistics collected from Auckland in 2006 show that large proportions of Kiwis (European and Maori) in the outer suburbs are highly unemployed. The purple areas are high NZ papanui unemployment while green represents non-NZ unemployment.
Developed skills

Pre PG DIP GIS – Generalist can use 1 software suite

Post PG DIP GIS – Still a generalist more software suites
    But honed skills and more thorough training

But training is training, tend to receive ‘neat’ data which
is not always available in the real world

PG DIP GIS teaches you that rubbish in = rubbish out
and inherently learn to avoid horrible data

Koordinates.com
EarthExplorer
LINZ
Statistics NZ
Hopefully...

Understanding of the level of training received;

Encouraged to develop new ideas and seek new opportunity

Become dynamic and seek new options to old problems

Spark some personal interest in exploring your options;

Whether to learn gain new perspectives, new tools

Whether to lecture as a guest speaker, share your perspectives

Host a student for an internship

Sponsor research for a MGIS thesis student