

Environmental Education Centre GPS and GIS Workshop With Dennis Mathews



19-20th May 2012 Code: GPS12
Educational courses sponsored by

Accommodation at Gluepot:

Although accommodation is available at Waikerie, it is 64km away (1 1/4 hours travel) so we suggest you camp at the Reserve as your best option. There are three camping grounds to choose from and you will need to be fully self-sufficient in regard to your camping equipment, water and food supplies. The camping grounds provide well-spaced sites that are suitable tents, caravans and vehicles. Toilets are provided at each camping ground but power is not available. The Reserve has an excellent, well maintained track system suitable for 2 WD vehicles and mountain bikes. Course fees include camping fees.

What you will need to bring to the course:

- Hat and sunscreen as we will be walking around during the day to obtain GPS data
- If you have a GPS, Computer, and associated cables, bring them as it is better to be using your own equipment in the learning process.
- Please bring any software associated with your GPS
- If you are already using OziExplorer, it is preferable if it is a registered version. This costs about \$130 and if you are interested in moving maps on a PDA (and you have one) you will need to purchase the OziExplorer CE licence which is an extra \$40 and a lead to connect your GPS to your PDA which can be made for you by GPSOZ on 02 9999 2313. OziExplorer can be purchased from the OziExplorer website. If you are not familiar with the programs there is no need to purchase them before the course as you will learn about them in details which will help you decide if they are suitable for your use. If you do not have a GPS (or computer) there is no need to buy one. However, if you do wish to purchase one before the course, please feel free to call Dennis on 0429 385 586 to discuss what make and model would best suit your needs.

Please remember to bring a note book, and a pen, plenty of enthusiasm and feel free to ask lots of questions.



- DIRECTIONS TO GLUEPOT RESERVE**
1. TURN LEFT OUT OF SHELL SERVICE STATION.
 2. TAKE FIRST TURN RIGHT TO FERRY.
 3. AFTER FERRY CROSSING, FOLLOW BITUMEN ROAD TO MORGAN/REMARK ROAD — 1.1 KM.
 4. TURN LEFT AND TRAVEL 3 KM TO CHRISTADELPHIAN CHURCH ON RIGHT - LUNN ROAD.
 5. TRAVEL 1.5 KM DOWN GRAVEL ROAD TO FIRST GATE.
 6. FOLLOW SIGNS TO GLUEPOT.





This two day course will teach you the basics of using a GPS; how to set up datum's and coordinates so that you obtain the correct readings; how to collect data for notebook entry and or downloading to a computer. Most GPS's collect Waypoint and Track data, and we will use the data we collect to build a detailed map on the computer using OziExplorer

Dennis has over 30 experience in National Parks in the Northern Territory and South Australia. He assisted in the development in GIS (Gographic Information Systems) for parks in Central Australia and used this system extensively in day to day operations of a major NT National PARK. GIS utilises maps to display and intergrate data that is map basedand is a major asset in land management decision making. Dennis in currently semi- retired and does some consulting work and fauna surveys, mainly on bats. He is a member of the Gluepot Management commityand is responsible for Fire Management at the reserve.



What you will learn

- You will also be introduced to a PDA (a small hand held computer) that utilises OziExplorer CE to provide a moving map display as you walk or drive.
- You will also learn how to collect data in the field using the PDA, and you will aslo be introduced to other methods of data collections using a GPS.



About Gluepot

Gluepot Reserve is a 54,000ha conservation reserve situated 64km north of Waikerie in South Australia's Riverland district. Gluepot was purchased by Birds Australia with the aim of "effectively managing a large, internationally significant area for biodiversity conservation". Among the 18 nationally threatened bird species resident on Gluepot are Black-eared Miner, Redlored Whistler, Regent Parrot, Striated Grasswren, Major Mitchell Cockatoo and Malleefowl, that are only a small section of the 190 bird species recorded there so far. There are few areas of the world that support such a concentration of threatened species.

Name: _____
 Address: _____

 State: _____PC_____
 Email: _____
 Phone: _____
 Mobile: _____
 Fax: _____
 No. of participants this registration covers: _____

The cost of the two day course per participant is: \$99.00 (includes GST and camping fees)

Payment methods:

Please accept my:
 Cheque (payable to: Gluepot Reserve)
 Money Order
 Or debit my: Visa Mastercard Bankcard
 Amount to be debited to my card: \$ _____
 Name on card: _____
 Card No. _____-_____-_____-_____
 Expiry Date: _____/_____
 Signature: _____ Date: _____

Please signify which course you will be attending:
 19-20 May 2012 Code: GPS12

Please forward this registration form and payment:
 By Post: Mrs Anne Morphett
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 Birds Australia Gluepot Reserve
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 Phone (08) 7070 4766
 By Email: amorphett@adam.com.au