Newborough Warren NNR - 60th Anniversary Workshop

Monday 29\textsuperscript{th} and Tuesday 30\textsuperscript{th} June 2015

2015 is the 60\textsuperscript{th} anniversary of Newborough Warren National Nature Reserve (NNR). Located at the south-western point of Anglesey, guarding the southern opening of the Menai Strait, Newborough Warren is one of the finest coastal sand dune systems in Britain, with huge expanses of mobile and fixed dunes. The reserve is managed by Natural Resources Wales (NRW). In addition to internationally important sand dunes, the reserve boasts important geological features – the pre-Cambrian rocks (some of the oldest in the country) of which Ynys Llanddwyn is formed and the pillow lavas that form the approach to that tidal island.

There is no charge for this event, but numbers are strictly limited. All local transport and packed lunches are provided by NRW. Delegates must book and pay for their own accommodation, and provide their own evening meals. The workshop is organised and hosted by Natural Resources Wales, and is delivered with the support of the Sand Dune and Shingle Network based in the Dept. of Geography and Environmental Science, Faculty of Science, Liverpool Hope University.

Locations

Talks on Monday 29\textsuperscript{th} and Tuesday 30\textsuperscript{th} June will be held in the Plas Menai National Outdoor Centre in Felinheli, Caernarfon.

The first site visit on Monday 29\textsuperscript{th} June will be to Newborough Warren NNR. On Tuesday 30\textsuperscript{th} June there will be a second fieldtrip to Morfa Dinlle near Caernarfon, a site with the special features of coastal sand dune with lichen heath, coastal shingle with vegetation and an unusual shingle spit and sand-dune coastal landform.

Accommodation

Delegates must book and pay for their own accommodation directly with the event venue - Plas Menai National Outdoor Centre – FAO Martin Davis.

\textbf{Plas Menai, National Outdoor Centre, Caernafon, Gwynedd LL55 1UE}
\textit{Tel.} 01248 670964 / 0300 3003 112 \textit{e-mail} info@plasmenai.co.uk
http://www.plasmenai.co.uk/

B&B is available at Plas Menai - single occupancy @ £45 pppn or a shared twin room @ £35 pppn

Workshop Booking

To request a place on this workshop please complete the booking form and return it as directed.

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Programme

DAY 1 – Monday 29th June

- Delegates arrive at 9.30 am for a 10 am start. Coffee available on arrival.
- Chair - Paul Rooney (Sand Dune and Shingle Network, Liverpool Hope University)

- 10:00 – 10:10 – Kim Burnham, Operations Resource Manager, Natural Resources Wales - Welcome address
- 10:10 – 10:30 – Prof. Ken Pye, Kenneth Pye Associates Ltd - Dune remobilization trials at Newborough: need, design and results of geomorphological monitoring
- 10.30 – 10.50 - Guy W. Spriggett, School of Ocean Sciences, Bangor University - Monitoring the sands in time and space
- 10:50 – 11:10 – Coffee break
- 11:10 – 11:30 – Dr. Dick Loxton, Newborough Honorary Entomologist - Some lost sheep return - a study of invertebrate re-establishment on dune intervention areas
- 11:30 – 11:50 – Dr. Laurence Jones, Centre for Ecology and Hydrology - Nitrogen, time and eco-hydrology – a flavour of CEH research at Newborough
- 11:50 – 12:10 – Ir. Luc Geelen, Waternet, Amsterdam Dunes, The Netherlands - Dutch Dune Dynamics; 3D approach
- 12:10 – 12:30 – Graham Williams, Senior Reserve Manager, Natural Resources Wales - Newborough, 60 years young: the evolution of Wales’s first coastal NNR

- 12.30 - Pick up packed lunch
- Delegates depart on a coach for Newborough Warren NNR
- Afternoon field visit – Newborough Warren NNR
- Return to Plas Menai at c.17.30hrs

- Evening event – social celebration in Caernarfon
- Coach to Caernarfon departs Plas Menai at 18.00 hrs.
- Coach departs Caernarfon at 23.30 hrs to Plas Menai

- Delegates arrange own accommodation in Plas Menai, Caernarfon or a location of their choice
DAY 2 – Tuesday 30th June

- Talks and panel discussion
- Chair - Paul Rooney (Sand Dune and Shingle Network, Liverpool Hope University)

  ➢ 09:30 – 09:50 – Hilary Ford, Researcher in Biodiversity and Ecosystem services, Bangor University - **Impacts of grazing abandonment on ecosystem service provision: coastal grassland as a model system**
  ➢ 9.50 – 10.10 - Mike Alexander, Senior Conservation Planning Advisor, Natural Resources Wales - **NNR’s - Are they still relevant?**
  ➢ 10: 10 – 10.30 – speaker tbc
  ➢ 10: 30 – 10:50 – **Coffee break**

- 10:50 – 12:00 - **Panel discussion and workshop**
  ➢ Themes (tbc) will include – the principles and practicalities of for geomorphological coastal dune rejuvenation, developing strategic / national approaches to dune rejuvenation, future role of NNRs in coastal dune conservation etc.
  ➢ Panel (membership tbc) to lead discussions with short interventions. Delegates will participate in discussions. The session will be dialogue based.
  ➢ Summary and conclusions. Production of proceedings.

- 12.00 – 12.20 - John Ratcliffe Conservation Technical Specialist, Natural Resources Wales - **An introduction to Morfa Dinlle**

- Pick up packed lunch
- Delegates depart on a coach for Morfa Dinlle
- **Afternoon field visit – Morfa Dinlle**
- Return to Plas Menai at c.15.30 / 16.00 hrs

- **End of event - depart**

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