

# BIOCHAR FOR TASMANIA NETWORK

## Southern Tasmania Outreach Events September 2015

BIOCHAR is made from any form of waste biomass using a pyrolysis process of heating the biomass from the top down and limiting the oxygen, temperature and time so it does not reduce to ash.



Image courtesy of The Biochar Journal

Biochar is “simple genius” in that it creates something of value from otherwise nuisance waste. Biochar can be used

- to improve soil water and nutrient holding capacity,
- in animal husbandry as a feed additive to improve health,
- in animal bedding to capture nutrients and reduce odour,
- in water filtration systems eg in disaster recovery.

Biochar is made in many ways, with technologies ranging from pit kilns, top lit drum systems, and complex hi-tech gasifiers.

The cone-kiln design originates from Japan, and recent developments include the deep-cone version from Switzerland. Through sharing of design ideas and experience, a deep cone kiln with bottom quenching facility, as well as a tilting mechanism and wind shield, has been designed and manufactured in Tasmania.

The Biochar for Tasmania Network presents the following outreach events:

### Kon-Tiki-Tas Kiln demonstrations

The Kon-Tiki-Tas kiln will be demonstrated by Frank Strie of Terra-Preta Developments. The demonstrations will be accompanied by a presentation about the history, uses, benefits, and opportunities of biochar. We welcome sharing of experiences about biochar from all participants.

**Huon Valley:** Sat 19<sup>th</sup> Sept 1 – 4 pm  
Mountain River Hall

**Copping:** Sun 20<sup>th</sup> Sept 1 – 4 pm  
Copping Hall

Cost \$30

### Seminar: Biochar for Tasmania

Presentation and discussion about Biochar, by Frank Strie of Terra-Preta Developments.

**Friday 18<sup>th</sup> September 6.30 – 8 pm**  
Sustainable Living Tasmania, 71 Murray St, Hobart

Cost \$15



Image courtesy [www.terrapretadevelopments.com.au](http://www.terrapretadevelopments.com.au)

**Registration:** [www.trybooking.com/IUDZ](http://www.trybooking.com/IUDZ)

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