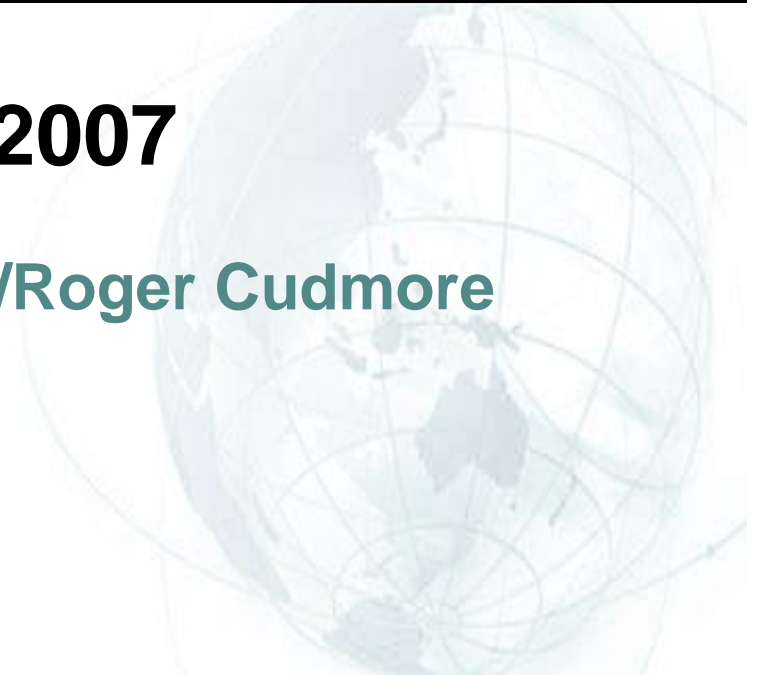


Community Impact Tools

IUAPPA 2007

Cathy Nieuwenhuijsen/Roger Cudmore



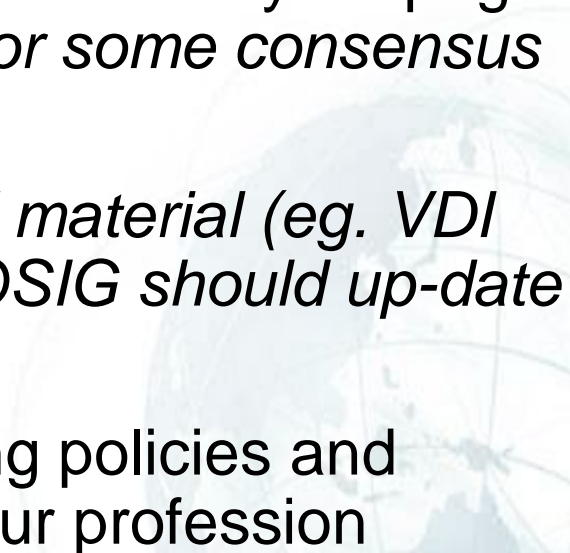


Discussion Points

- **Wikipedia**
 - What & how ?
 - Potential use for OSIG
 - Draft recommendation
 - **Community Impact Tools**
 - Aims
 - Recent experience (Mushroom Composting)
 - Issues
 - Implementation
 - Assessment criteria
 - **Future action points/ discussion**
- 




What is WIKIPEDIA

- Free web site – for developing factual “encyclopedia style information – *any one can contribute*
 - Not a forum for wide discussion – otherwise your page will get booted off – *natural driver for some consensus*
 - Odour page already exists – *useful material (eg. VDI methods) and something that the OSIG should up-date*
 - Potential to use site for documenting policies and approaches that are endorsed by our profession
- 

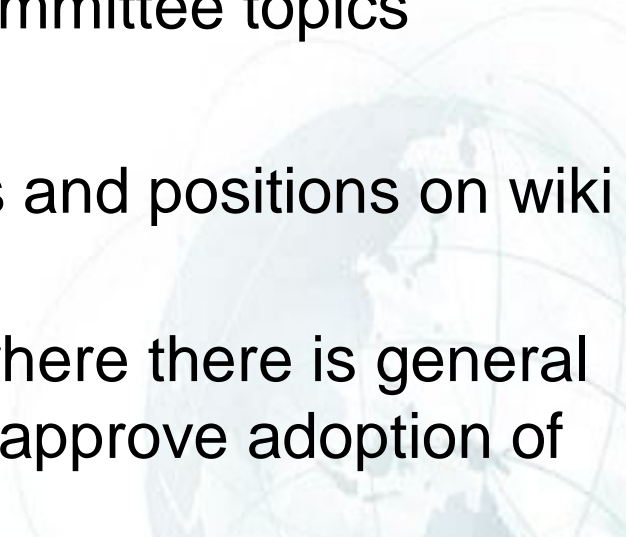


Potential Uses

- Create draft documented methodologies, policies that can be edited by any one, at any time.
 - Convenient vehicle for encouraging the formalising of what constitutes the “accepted view of the profession” on various issues
 - Links to current accepted docs on OSIG web site
- 



Progress and recommendations

- OSIG page now set as a link on the CASANZ Wikipedia page
 - OSIG page has links to four sub committee topics
 - Gradual documentation of methods and positions on wiki site
 - Once these are refined to a point where there is general acceptance by OSIG the chair can approve adoption of Wiki document for OSIG web site
- 



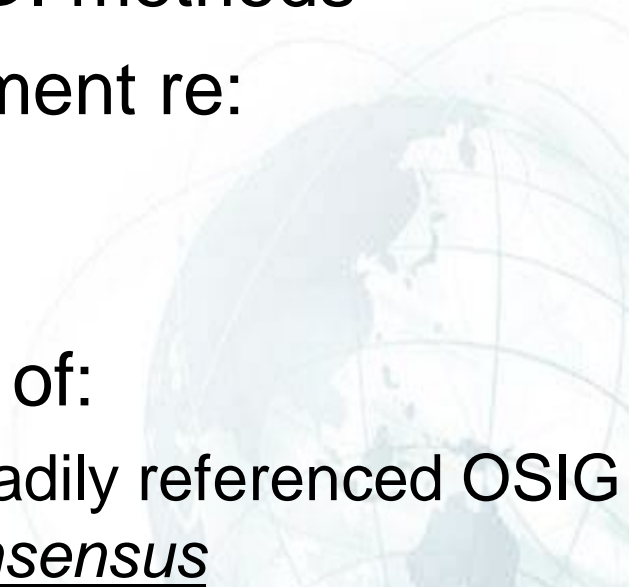
Community Impact Tools

- Aims
 - Develop official OSIG positions and fact sheets in regards to odour assessment tools
 - Obtain agreement from OSIG members on implementation of odour survey tools and assessment criteria
 - annoyance surveys,
 - field surveys,
 - diary programmes
 - Complaint data





Recent Experience

- NZ Mushroom Compost Site
 - Controversial proposal
 - Intensive use of German VDI methods
 - Significant expert disagreement re:
 - Implementation
 - Assessment criteria
 - Case highlights importance of:
 - Obtaining transparent and readily referenced OSIG position and professional consensus
- 

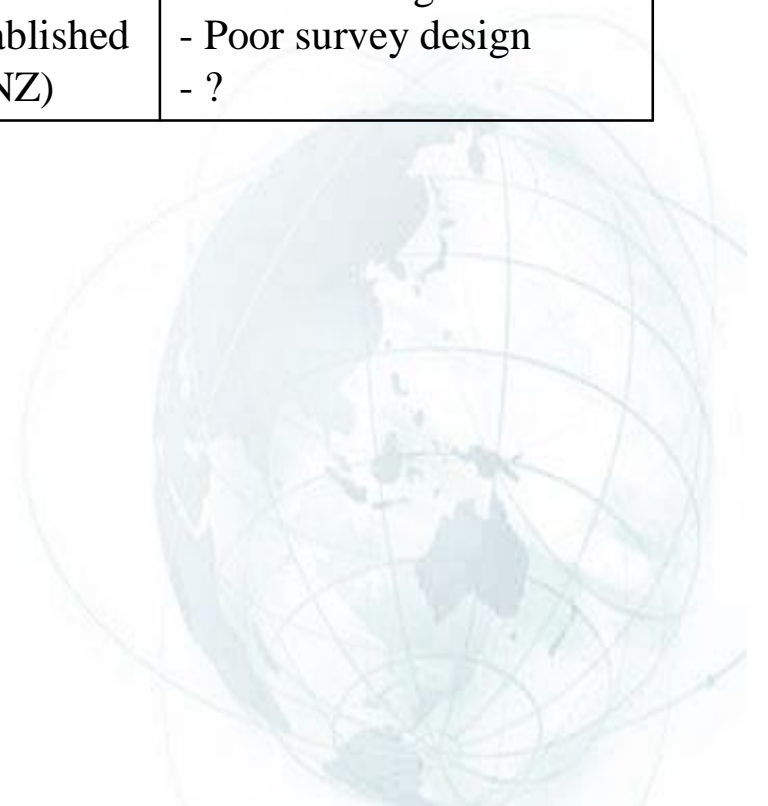
Assessment Tools and Issues

Method	Origin	Implementation	Criteria	Issues
Annoyance Surveys	Dutch Norm	Established in AUS/NZ	20% at-least annoyed (well established in NZ)	<ul style="list-style-type: none"> - Interpretation >20% - Use of other categories - Statistical significance - Poor survey design - ?
Downwind Ambient Odour Assessments	German VDI	Not established in AUS/NZ	10% odour hours (not established)	<ul style="list-style-type: none"> - Recognizable odour vs intensity I - Use of hedonic tone - Location of observer - Assessment duration - ?
Odour Diaries	Noah?	Established	Individual experience necessary Not established <1% odour time	<ul style="list-style-type: none"> - No agreed criteria to define acceptable exposure time - Hedonic tone/character relationship to any criteria
Complaint Analysis	?	Established	10^{-x} /hr/person	<ul style="list-style-type: none"> - Acceptance of any frequency criteria? - Location of observation - ?



Assessment Tools and Issues

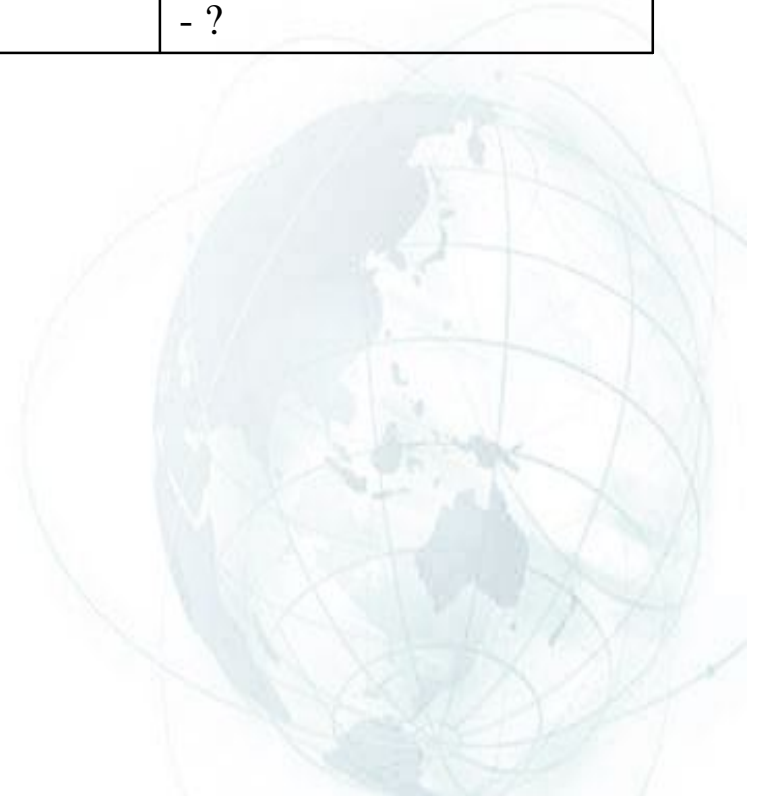
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Assessment Tools and Issues

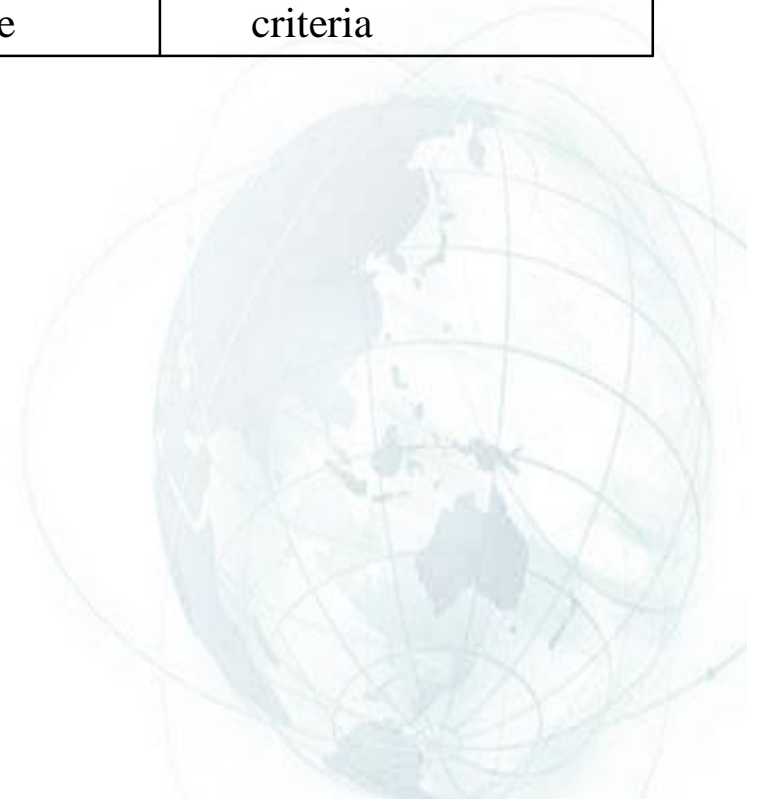
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Assessment Tools and Issues

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