

BIOGRAPHICAL NOTES

Name: Dr Jacquetta Lee	Country: United Kingdom
Candidate for which position? Executive Secretary	ISIE member since: 2012
PLEASE DESCRIBE WHAT YOU WOULD LIKE TO ACCOMPLISH DURING YOUR TERM, AND THE TIME YOU CAN DEDICATE TO THE POSITION (150 WORD LIMIT):	
<p>ISIE thinking is at the leading edge of sustainable solutions. For these to make a difference to industrial and policy practice, ISIE needs to better collaborate with practitioners. I would like to build synergistic research agendas that promotes and supports the wide uptake of industrial ecology across the world. I would like to encourage practitioners to engage with academics to describe more fully the complex issues they are facing, such that academics are better able to develop the new tools and techniques necessary to implement sustainability. My experience in collaborative industrial ecology research is a key asset to develop these new, rich and interactive relationships.</p> <p>I have been a regular attendee of ISIE events, and have a track record of engagement with ISIE activities. I was the co-chair of the biennial conference in 2015, and thus understand the level of commitment required. I have the support the University in undertaking this new role.</p>	
DESCRIBE YOUR CURRENT PROFESSIONAL AND/OR ACADEMIC ACTIVITIES (100 WORD LIMIT)	
<ul style="list-style-type: none">• Director of a Practitioner Doctorate in Sustainability building on more than a decade's experience of academic-industrial partnerships in Industrial Ecology in practice.• Currently supervising more than a dozen industry-university doctoral research practitioners• PLEIADES (part of £2.2M EU funded programme) 'Managing Uncertainty in early-design decisions for aerospace'• CLEVER: closed-loop emotionally valuable E-waste recovery (part of £1.2M UK Govt project)• CORE: community outreach on resource efficiency (UK Govt £0.4M)• Co-Chair of organising committee for the 2015 ISIE Conference• Leading a Task force to promote the engagement of practitioners in ISIE, supported by the ISIE council.	
LIST PREVIOUS PROFESSIONAL AND/OR ACADEMIC POSITIONS (100 WORD LIMIT)	
<ul style="list-style-type: none">• Principal Environmental Technologist, Roll-Royce plc, incorporating Environmental systems analysis, Life Cycle Thinking and Design for Environment into 'business-as-usual'.• Various research and academic positions at the University of Surrey, including<ul style="list-style-type: none">◦ a personal research fellowship from Leverhulme Trust investigating 'the role of media in decision making – influencing environmental attitudes and behaviours through soap operas'.◦ Lecturer/Senior Lecturer in sustainable systems analysis, working collaboratively with industry on 'wicked' problems, e.g. the use of critical materials selection for aerospace design that led to the award of the Telford Premium Prize (Institution of Civil Engineers)• Invited by Tokyo University of Agriculture and Technology to give a series of masterclasses on sustainability topics	

EDUCATION

1987 – 1992, Queen Mary and Westfield College, University of London, UK.
Master of Engineering (1st Class Honours): Mechanical Engineering and Materials.
1992-1995, Cranfield University, Cranfield, UK
PhD: Development and analysis of an Environmental Resource Management (ERM) technique.

AWARDS/MERITS

1992: Marian Janota Prize for Outstanding Academic Achievement
1992: Institute of Mechanical Engineers Prize for Project Work
2013: Institute of Civil Engineers, Telford Premium Award

REPRESENTATIVE PUBLICATIONS

- 2016, '**Appropriate lifetimes, fitting deaths**' Scott, J. L., Lee, J. Green Chemistry, 2016, DOI: 10.1039/C6GC90109C
- 2016, '**Life cycle assessment of activated carbon production from coconut shells**' Arena, N., Lee, J., Clift, R. Journal of Cleaner Production, Vol 125, pp68-77 doi: 10.1016/j.jclepro.2016.03.073
- 2016, '**The Hibernating Mobile Phone: Dead Storage as a Barrier to Efficient Electronic Waste Recovery**', Wilson, G., Smalley, G., Suckling, J., Lilley, D., Lee, J., Mawle R. International Journal of Integrated Waste Management, Science and Technology. Accepted, awaiting publication.
- 2016, 'Integrating Environmental and Social life cycle assessment: Asking the right question', Suckling, J., Lee, J. Journal of Industrial Ecology. Accepted subject to revisions
- 2015 '**Redefining scope: The true environmental impact of smartphones?**' Suckling, J., Lee, J. International Journal of Life Cycle Assessment, Vol 20, No 8, pp1181-1196
- 2015, '**Single product, multi-lifetime components: Challenges for product-service system development.**' Wilson G.T., Bridgens B., Hobson K., Lee J., Lilley D., Scott J.L., Suckling J. *PLATE 2015*, Nottingham, UK, 17-19th June 2015
- 2014, '**Surviving or Flourishing? Integrating business resilience and sustainability**' Winnard, J., Adcroft, A., Lee, J., Skipp, D.' Submitted to Journal of Strategy and Management, Vol 7, Issue 3
- 2012, '**Recommendations for assessing materials criticality**', Lloyd, S., Lee, J., Clifton, A., Elghali, L., France, C. 2012., Proceedings of the Institution of Civil Engineers: Waste and Resources Management Vol 165,4, pp191-200

PROFESSIONAL ASSOCIATIONS (I.E. BOARD MEMBERSHIPS, PROFESSIONAL SOCIETIES, ETC)