

## PUBLICATIONS

### A. OUVRAGES, COORDINATION D'OUVRAGES ET CHAPITRES D'OUVRAGES

1. N. Maïzi, S. Bouckaert, E. Assoumou. Long term water and energy issues in european power systems in J.R. Ziolkowska, J.M. Peterson, editors. Competition for Water Resources: Experiences and Management Approaches in the US and Europe. Elsevier: Cambridge, MA (2016), (ISBN :9780128032374).
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6. Smart grids : au-delà du concept, comment rendre les réseaux plus intelligents, Presses de l'Ecole des Mines Ed., (2012), (ISBN : 978-2-911256-93-6).
7. Eau et Energie: des destins croisés, Presses de l'Ecole des Mines Ed., (2010), (ISBN: 978-2-911256-41-7).
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### B-1. REVUES INTERNATIONALES AVEC COMITÉ DE LECTURE

1. M. Coatalem, V. Mazauric, C. Le Pape, N. Maïzi, Optimizing industries' power generation assets on the electricity markets, Applied Energy, 2016, Available online 21 January 2016.
2. G. Bonvin, A. Samperio, C. Le Pape, V. Mazauric, S. Demassey, N. Maïzi, A convex mathematical program for pump scheduling in a class of branched water networks. Applied Energy, 2016, Available online 9 January 2016.
3. V. Krakowski, E. Assoumou, V. Mazauric, N. Maïzi, Feasible path toward 40% - 100% renewable energy shares for power supply in France by 2050: A prospective analysis. Applied Energy 171 (2016) 501-522.

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5. S. Kang, S. Selosse, N. Maïzi, Strategy of bioenergy development in the largest energy consumers of Asia (China, India, Japan and South Korea) Energy Strategy Reviews, 2015, 8, pp.56-65.
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16. G. Seck, G. Guerassimoff, N. Maïzi, Heat Recovery with heat-pumps in non-energy intensive industry: a detailed bottom-up model analysis in the French food & drink, Applied Energy 111, (2013), pp 489-504.
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#### B-2. CONFÉRENCES INTERNATIONALES AVEC COMITÉ DE LECTURE

1. V. Krakowski, X. Li, V. Mazauric , N. Maïzi, Power system synchronism in planning exercise: From Kuramoto lattice model to kinetic energy aggregation, The 8th International Conference on Applied Energy, ICAE2016, Beijing, China, October, 2016.
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12. N. Maïzi, Advances in multi-scale models to shed light on the plausibility of long term scenarios, Our Common Future under Climate Change Conference, Paris, July, 2015.
13. N. Maïzi, S. Selosse, E. Assoumou, M. Thiboust, Vincent Mazauric, Arbitrage between Energy Efficiency and Carbon Management in the Industry Sector: An Emerging vs. Developed Country Discrimination, IEW Abu Dhabi, June 2015.
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31. V. Mazauric and N. Maïzi, Optimality principles for the sustainability of electrical systems: a thermodynamic approach, International Conference on Applied Energy, Suzhou, China, 5-8 July 2012.
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### B-3. CONFÉRENCES INVITÉES INTERNATIONALES

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