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- climate change: towards a european framework for action. Commission of the European Communities, UK.
8. OECD (2010) *Cities and Climate Change*. OECD publications, ISBN: 978-92-64-09137-5, France.
  9. United Nations Framework Convention on Climate Change (2006) Background paper on impacts, vulnerability and adaptation to climate change in Africa for the African Workshop on Adaptation Implementation of Decision 1/CP.10 of the UNFCCC, Accra, Ghana.
  10. Khajuria A, Ravindranath NH (2012) Climate Change Vulnerability Assessment: Approaches DPSIR Framework and Vulnerability Index. *J Earth Sci Climat Change* 3: 109.
  11. Liao H, Huai-Shu Cao (2013) How does carbon dioxide emission change with the economic development? statistical experiences from 132 countries. *Global EnvironChange* 23: 1073-1082.
  12. Cloy JM, Smith KA (2013) Greenhouse gas emissions. In: Reference Module in Earth Systems and Environmental Sciences.
  13. Macknick J (2009) *Energy and Carbon Dioxide Emission Data Uncertainties*. International Institute for Applied Systems Analysis, Laxenburg, Austria.
  14. Mardiana A, Riffat SB (2013) Review on physical and performance of heat recovery system for building applications. *Renewable Sustainable Energy Rev* 28:174-190.
  15. Yau YH, Hasbi S (2013) A review of climate change impacts on commercial buildings and their technical services in the tropics. *Renewable Sustainable Energy Rev* 18: 430-441.
  16. Gul MS, Patidar S (2015) Understanding the energy consumption and occupancy of a multi-purpose academic building. *Energy Buildings* 87: 155-165.
  17. EIA (2014) *International Energy Outlook 2014*, U.S Energy Information Administration, Washington DC, USA.
  18. Lior N (2008) Energy resources and use: The present situation and possible paths to the future. *Energy* 33: 842-857.
  19. Reinders AHME, Vringer K, Blok K (2003) The direct and indirect energy requirement of households in the European Union. *Energy Policy* 31: 139-153.
  20. Liu Z, Geng Y, Lindner S, Zhao H, Fujita T, et al. (2012) Embodied energy use in China's industrial sectors. *Energy Policy* 49: 751-758.
  21. Mardiana, A, Riffat SB (2012) Review on heat recovery technologies for building applications. *Renewable Sustainable Energy Rev* 16: 1241-1255.
  22. IEA (2012) *Energy Policies of IEA Countries*, UK.
  23. Wu Y (2003) Chinese building energy conservation: Existing situation, problems and policy, presentation. In: International Conference on Sustainable Development in Building and Environment, China.
  24. Kwok AG, Rajkovich NB (2010) Addressing climate change in comfort standards. *Building Environ* 45: 18-22.
  25. Khan N, Su Y, Riffat SB (2008) A review on wind driven ventilation techniques. *Energy Buildings* 40: 1586-1604.
  26. Besant RW, Simonson CJ (2000) Air-to-air energy recovery. *ASHRAE J*: 31-42.
  27. of a building's thermal properties. *Energy Buildings* 38: 568-573.
  28. Lazzarin RA, Gasparella A (1998) Technical and economical analysis of heat recovery in building ventilation systems. *Appl Thermal Eng* 18: 47-67.
  29. Roulet CA, Heidt FD, Foradini F, Pibiri MC (2001) Real heat recovery with air handling units. *Energy Buildings* 33: 495-502.
  30. Gong G, Zeng W, Wang L, Wu C (2008) A new heat recovery technique for airconditioning/ heat-pump system. *Appl Thermal Eng* 28: 2360-2370.
  31. Wang S, Fang C, Guan X, Pang B, Ma H (2014) Urbanisation, energy consumption, and carbon dioxide emissions in China: A panel data analysis of China's provinces. *ApplEnergy* 136: 738-749.
  32. terminal buildings: A case study for the future <sup>2</sup> emission responsibilities of Istanbul International Airport. *Energy Buildings* 76: 109-118.
  33. Alshehry AS, Belloumi M (2015) Energy consumption, carbon dioxide emissions and economic growth: The case of Saudi Arabia. *Renewable Sustainable Energy* 41: 237-247.
  34. Zhu J, Chew DAS, Lv S, Wu W (2013) Optimization method for building envelope design to minimise carbon emissions of building operational energyconsumption using orthogonal experimental design (OED). *Habitat Int* 37: 148-154.
  35. Emeakaroha A, Ang CS, Yan Y, Hopthrow T (2014) A persuasive feedback support system for energy conservation and carbon emission reduction in campus residential buildings. *Energy Buildings* 82: 719-732.
  36. Ng ST, Chen Y, Wong JMW (2013) Variability of building environmental assessment tools on evaluating carbon emissions. *Environ Impact As Rev* 38: 131-141.
  37. Alhorr Y, Eliskandarani E, Elsarrag E (2014) Approaches to reducing carbon dioxide emissions in the built environment: Low carbon cities *International J Sustainable Built Environ*.
  38. Shao L, Chen GQ, Chen ZM, Guo S, Han MY, et al. (2014) Systems accounting for energy consumption and carbon emission by building. *Commun Nonlinear Sci* 19: 1859-1873.
  39. Biswas WK (2014) Carbon footprint and embodied energy consumption assessment of building construction works in Western Australia. *Int J Sustainable Built Environ* (In Press).
  40. Pacala, S,