

- Development of a new adaptive comfort model for low income housing in the central-south of Chile. *Energy & Buildings*, 178: 94-106. <https://doi.org/10.1016/j.enbuild.2018.08.030>
- [22] DellaValle, N., Bisello, A., Balest, J. (2018). In search of behavioural and social levers for effective social housing retrofit programs. *Energy & Buildings*, 172: 517-524. <https://doi.org/10.1016/j.enbuild.2018.05.002>
- [23] Souliotis, M., Panaras, G., Fokaides, P.A., Papaefthimiou, S., Kalogirou, S.A. (2018). Solar water heating for social housing: Energy analysis and life cycle assessment. *Energy & Buildings*, 169: 157-171. <https://doi.org/10.1016/j.enbuild.2018.03.048>
- [24] Petidis, I., Arybli, M., Daras, T., Tsoutsos. (2018). Energy saving and thermal comfort interventions based on occupants 'needs a students' residence building case. *Energy & Buildings*, 174: 347-364. <https://doi.org/10.1016/j.enbuild.2018.05.057>
- [25] Santangelo, A., Yan, D., Feng, X., Tondelli, S. (2018). Renovation strategies for the Italian public housing stock: Applying building energy simulation and occupant behaviour modelling to support decision-making process. *Energy & Buildings*, 167: 269-280. <https://doi.org/10.1016/j.enbuild.2018.02.028>
- [26] Sosa, M.B., Correa, E.N., Cantón, M.A. (2018). Neighborhood designs for low-density social housing energy efficiency: Case study of an arid city in Argentina. *Energy & Buildings*, 168: 137-146. <https://doi.org/10.1016/j.enbuild.2018.03.006>
- [27] Givoni, B. (1978). *L'homme l'architecture et le climat*, éditions du moniteur, France.
- [28] Oke, T.R. (1990). *Boundary Layer Climates* Second edition, London.
- [29] Autodesk Ecotect Analysis (2011). Autodesk Inc.
- [30] National Center for Integrated Building Research and Studies (NCIBRS). (1997). *Regulatory Technical Document-RTD. Thermal regulation of residential buildings - Rules for calculating heat losses - Fascicule 1*, Algiers.
- [31] Dutreix, A. (2010), *Bioclimatisme et performances énergétiques des bâtiments*, Eyrolle édition, France.
- [32] Montarry, D., Platzter, M., (2005), *La Technique du bâtiment- Tous Corps d'Etat (TCE)*, Le Moniteur éditions, 4ème édition, France.
- [33] Földváry, V., Bukovianska, H.P., Petráš, D. (2015), *Analysis of energy performance and indoor climate conditions of the Slovak housing stock before and after its renovation*. *Energy Procedia*, 78: 2184-2189. <https://doi.org/10.1016/j.egypro.2015.11.314>
- [34] Meteorological National Office (MNO), (2018). Djelfa Station.

NOMENCLATURE

<i>A</i>	Area, m^2
<i>D</i>	Heat loss, $W \cdot C^{\circ-1}$
<i>K</i>	linear thermal bridges, $W \cdot m^{-1} C^{\circ-1}$
<i>L</i>	Length of thermal bridges, m
<i>R</i>	thermal resistance, $m^2 \cdot C^{\circ} \cdot W^{-1}$
<i>k</i>	surface thermal transmission coefficient, $W \cdot m^{-2} C^{\circ-1}$
<i>a</i>	heat gains, $W \cdot C^{\circ-1}$
<i>r</i>	heat losses, $W \cdot C^{\circ-1}$
<i>t</i>	Temperature, C°