World Academy of Science, Engineering and Technology International Journal of Civil and Architectural Engineering Vol:18, No:04, 2024

## Affordable, Adaptable, and Resilient Industrial Precincts

Authors: Peter Ned Wales

**Abstract:** This paper is the result of a substantial amount of data looking at how industrially zoned land is changing post COVID in the 21st Century. With the impact of global megatrends such as globalisation, the rapid adaption of innovative technologies and elevated demands on the design typologies, the tradition view of employment lands is quickly evolving. The research findings discussed here clearly show that land use conflicts have begun to take their toll across numerous light industrial precincts within the booming City of the Gold Coast. The recent global pandemic has placed enormous pressures on land values and industrial lands in Southeast Queensland. considered a highly desirable place to live, work and play are morphing in new ways. This region of Australia has become one of the most desirable places to locate after extended pandemic lock downs in Sydney and Melbourne. Findings in the current business trends have highlighted a new way of applying land use zones that provide a sustainable hybrid of acceptable land uses for prosperous business activity. In the wake of a rapid rise in the knowledge economy and boutique products that reflect the younger demographic has resulted in new emerging business activities that are significantly different from business trends two decades ago, when these industrial land use controls were originally applied. This paper explores what are the new demands on these established employment precincts and how local governments can better support start-ups and a broad variety of land uses not previously considered relevant to local government planners.

**Keywords:** sustainable urban, urban design, industrial lands, employment lands, sustainable communities **Conference Title:** ICSAUD 2024: International Conference on Sustainable Architecture and Urban Design

Conference Location : Mexico City, Mexico Conference Dates : April 04-05, 2024