By, JESSICAL CHEN KAILIN

What ideals, principles, motto and design qualities might you use to describe and define the next emergent design trend valid over the next 5 years, current to your practices? What name would you give to the design movement?

Looking at the past trends, the world is moving away from the minimalistic aesthetics and dipping their toes into greater complexity of design, catering to their new exquisite tastes. *"Those who engage the sociological imagination place their social historically and look at how it moves in a particular period."* is mentioned by Barbara Adams in Design as Future-Making (Yelavich) and today, the 21st century boils with angry activists and environmental issues; it is no doubt that the new wave of designers will be incorporating concepts tackling these concerns into their works. Hence, I believe that the future of design in the next 5 years will be merging sustainable design, bio-architecture, and deconstructivism.

Sustainable design and bio-architecture are quite similar in principles. Sustainable design aims to minimise negative impacts on our surroundings and Bio-architecture is the design and creation of buildings in an eco-friendly way. With science furthering its knowledge on biodegradable materials and constantly modifying them, designers can take into consideration such advancement and look into the vast possibilities in creating the most ideally eco-friendly product. This will be a big step for science and art in the right direction as for example, we have been battling with the 300 million tons of plastic produced globally each year.

One prime example of a step in bio-architecture is Aguahoja by Neri Oxmen. This is a biocompatible structure, composed of abundant biopolymers on our planet. As the material is constructed from organic matters, when placed in water, they dissolve completely which then fuel new lives, contributing back to the ecosystem. The fact that that was even possible is thrilling for me as in the next 5 years these materials will be have a wider range of usage and more eco-friendly. This gives us a peek into how environmentally cautious and educated producers and consumers will be on eco-issues with the availability of these sustainable materials.

Even though there is yet to be an architectural building constructed entirely out of sustainable materials, it is possible in the near future. It has been decades since 3D printing was invented and this process has been improved tremendously to do what used to be the unthinkable. In 2017, a group from MIT managed to develop a solar-powered rolling robot that can 3D print

an entire building. The advancement of technology is so vast and rapid that there might be more efficient and eco-friendly methods of construction in the future as compared to now. In the next 5 years, 3D printing machines might actually be able to create an entire building with sustainable material and for lesser cost and carbon footprints.

Deconstructivism dismantles our excessive loyalty to any idea and captures more dynamic spatial possibilities. This then birthed a style coined by Zaha Hadid, Parametricism, which is an architectural style aided by computer technology and algorithms. This is principle we need because the world is moving into a more sustainable design in the future; it is predestined to experiment with science and technologies. With the constant advancement of automation and machinery, the possibilities of designing and creating the design are limitless for us. The Parametricism's avoidance of traditional architectural elements, such as geometric shapes, is an art of digitally organised complexity and dynamic curvatures that is meditative to our eyes. As we find ways to preserve the environment, we would seek designs to mimic the systems of our surrounding. The unifying gesture of fluidity and expressive curves are exactly what we need in the future of design to reminisce about of the forms found in Mother Nature herself.

One pristine example of a Parametricism and sustainable design will be the London Aquatic Centre designed by Zaha Hadid. This building is planned on an orthogonal axis and inspired by the geometric motion of a wave, creating an interconnecting space that depicts the riverside landscapes of the Olympic park. The design team introduced green elements such as rainwater harvesting which caters to irrigation for the green wall at the southern part of the building and minimising carbon footprint by allowing the pool to be naturally lit.

In conclusion, I will name this new design movement to be "Bio-act Movement", where "Bio" suggests the science advancement and "Act" suggests the reaction from us designers to the current issues. I truly believe the future is the mix of art and science, made to tackle pressing problems. Now that we are a quarter through the 21st century, we adopt different design ideals and principles from past art movements to deal with future pressing issues. For us, the future is sustaining Mother Nature, so that will be what we are designing for.

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