



SDG 11: Sustainable Cities and Communities



Tabuk University plays a significant role in advancing Goal 11 of the Sustainable Development Goals, which focuses on 'Sustainable Cities and Communities.' The university achieves this through its scientific studies, research initiatives, and the organization of conferences and forums, as well as various events and activities that promote sustainability in urban development.

11.1 Research on sustainable cities and communities

Tabuk University plays a vital role in advancing Sustainable Development Goal (SDG) 11: Sustainable Cities and Communities through its research initiatives. The university's research output in this area includes several notable publications, such as:

- **Majeed, M., Lu, L., Anwar, M.M., Tariq, A., Qin, S., El-Hefnawy, M.E., El-Sharnouby, M., Li, Q. and Alasmari, A., 2023.** Prediction of flash flood susceptibility using integrating analytic hierarchy process (AHP) and frequency ratio (FR) algorithms. *Frontiers in Environmental Science*, 10, p.1037547.
- **Sirohi, D., Kumar, N., Rana, P.S., Tanwar, S., Iqbal, R. and Hijjii, M., 2023.** Federated learning for 6G-enabled secure communication systems: a comprehensive survey. *Artificial Intelligence Review*, 56(10), pp.11297-11389.
- **Lakhout, A., Shaban, M., Alatawi, A., Abbas, S.Y., Asiri, E., Al Juhni, T. and Elsawy, M., 2023.** Machine-learning approaches in geo-environmental engineering: Exploring smart solid waste management. *Journal of Environmental Management*, 330, p.117174.

11.2 Support of arts and heritage

11.2.1 Public access to buildings

The University of Tabuk provides free public access to all buildings, monuments, and natural heritage landscapes for students, faculty, and visitors.

Campus visitors

<https://x.com/UTabuk/status/1559957760523096064>

https://x.com/mu_dsa/status/1633025720610877440

<https://x.com/kamstabuk2/status/1750415069802889260>

<https://x.com/kamssecb/status/1583023375706124289>

<https://x.com/msalheens/status/1579028802227032064>

https://twitter.com/MOE_TAB_6771_22/status/1754768784638763469

https://x.com/dsa_ut/status/1758928861239087392?s=48

Visiting the historical places in the region

https://x.com/dsa_ut/status/1785749520757735561?s=48

https://x.com/dsa_ut/status/1725837012639387792?s=48

https://x.com/event_ut/status/1759241283560681967?s=48

https://x.com/event_ut/status/1637748282381201410?s=48

https://x.com/event_ut/status/1757481765302632553?s=48

https://x.com/event_ut/status/1613576301931270150?s=48

11.2.2 Public access to libraries

The university, through the General Administration of Library Affairs, offers loan and research services to non-university members of the local community.

<https://www.ut.edu.sa/ar/Deanship/library-affairs/Pages/default.aspx>

<https://www.ut.edu.sa/ar/Deanship/library-affairs/Documents/%D8%A7%D9%84%D8%AE%D8%AF%D9%85%D8%A7%D8%AA%20%D8%A7%D9%84%D8%A8%D8%AD%D8%AB%D9%8A%D8%A9.pdf>

<https://www.ut.edu.sa/ar/Deanship/library-affairs/Documents/%D8%A7%D9%84%D8%A7%D8%AD%D8%AA%>

[D9%81%D8%A7%D8%B8%20%D8%A8%D8%A7%D9%84%D9%85%D9%88%D8%A7%D8%AF.pdf](https://www.ut.edu.sa/ar/Deanship/library-affairs/Documents/%D8%AE%D8%AF%D9%85%D8%A9%20%D8%A7%D9%84%D8%A7%D8%B9%D8%A7%D8%B1%D8%A9.pdf)

<https://www.ut.edu.sa/ar/Deanship/library-affairs/Documents/%D8%AE%D8%AF%D9%85%D8%A9%20%D8%A7%D9%84%D8%A7%D8%B9%D8%A7%D8%B1%D8%A9.pdf>

11.2.3 Public access to museums

The University of Tabuk offers free public access to its museums, exhibition spaces, galleries, and collections of art and artifacts, making them available to students, faculty, as well as visitors.

https://x.com/U_Tabuk/status/1559957760523096064

<https://www.spa.gov.sa/N2050856>

https://x.com/event_ut/status/1627379090352230408

https://x.com/U_Tabuk/status/1497877466161029122

https://x.com/event_ut/status/1707332753459409285

https://x.com/event_ut/status/1625192229504487427

https://x.com/dsa_ut/status/1758928861239087392?s=48

11.2.4 Public access to green spaces

The University currently offers public access to its green spaces, providing a welcoming environment for the community to enjoy and spend their time



11.2.5 Arts and heritage contribution

The University of Tabuk contributes to the local arts through various initiatives, including theatre productions, cultural festivals, national celebrations, and talent discovery competitions. These events provide a platform for artistic expression and community engagement, fostering a vibrant cultural environment.

https://x.com/dsa_ut/status/1759202763626385822?s=48

https://x.com/dsa_ut/status/1622203208528453632?s=48

https://x.com/dsa_ut/status/1799558615558135949?s=12

https://x.com/dsa_ut/status/1762565620258734543?s=12

https://x.com/dsa_ut/status/1689977389843910656?s=12

https://x.com/dsa_ut/status/1688561438573367296?s=12

11.2.6 Record and preserve cultural heritage

The university actively contributes to the documentation and preservation of heritage through its Archaeological Studies Unit

<https://www.ut.edu.sa/ar/administration/vrqssr/unit-of-archaeological-studies/Pages/default.aspx>

11.4 Sustainable practices

11.4.1 Sustainable practices targets

The university offers sustainable transportation services on campus and implements necessary measures to promote and support environmentally friendly transit options

<https://www.ut.edu.sa/ar/Deanship/student-affairs/Documents/%D8%AE%D8%AF%D9%85%D8%A9%20%D8%A7%D9%84%D9%86%D9%82%D9%84%20%D8%A7%D9%84%D8%AC%D8%A7%D9%85%D8%B9%D9%8A.pdf>

<https://www.ut.edu.sa/ar/Deanship/student-affairs/Pages/university-transportation-services.aspx>

https://twitter.com/dsa_ut/status/1795591442167206071

11.4.2 Promote sustainable commuting

University of Tabuk takes proactive steps to increase the percentage of sustainable commuting by offering free bus services and implementing a comprehensive pedestrian plan, including designated walking paths across the campus.

<https://www.ut.edu.sa/ar/Deanship/student-affairs/Documents/%D8%AE%D8%AF%D9%85%D8%A9%20%D8%A7%D9%84%D9%86%D9%82%D9%84%20%D8%A7%D9%84%D8%AC%D8%A7%D9%85%D8%B9%D9%8A.pdf>

<https://www.ut.edu.sa/ar/Deanship/student-affairs/Pages/university-transportation-services.aspx>



11.4.3 Allow remote working

The university is committed to the guidelines issued by the Ministry of Education regarding the transition from in-person to distance education in emergency situations, second edition

https://drive.google.com/drive/u/0/folders/1jknf8MnkcZJ0hAEKo7b_75GTXI78aGc1

11.4.4 Affordable housing for employees

The university offers affordable housing options for its employees

<https://www.ut.edu.sa/ar/administration/Agency/Housing-Administration/Pages/default.aspx>

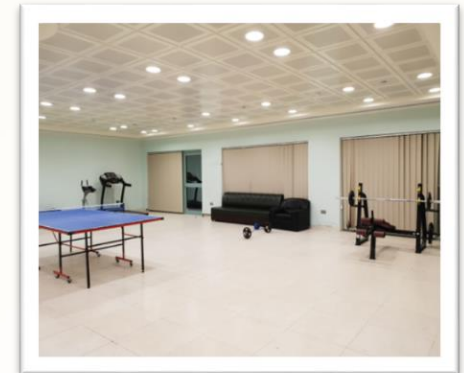
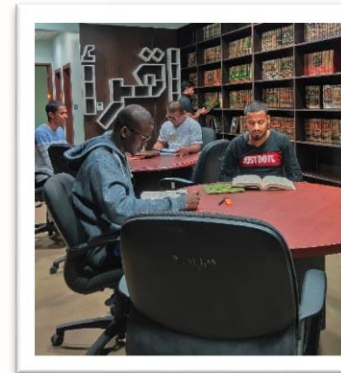
<https://www.ut.edu.sa/ar/administration/Agency/Housing-Administration/Documents/%D9%84%D8%A7%D8%A6%D8%AD%D8%A9%20%D8%A7%D9%84%D8%A5%D8%B3%D9%83%D8%A7%D9%86.pdf>

<https://www.ut.edu.sa/ar/administration/Agency/Housing-Administration/Documents/%D9%85%D9%84%D8%AD%D9%82%20%D9%84%D9%84%D8%A7%D8%A6%D8%AD%D8%A9%20%D8%A7%D9%84%D8%A7%D8%B3%D9%83%D8%A7%D9%86.pdf>

11.4.5 Affordable housing for students

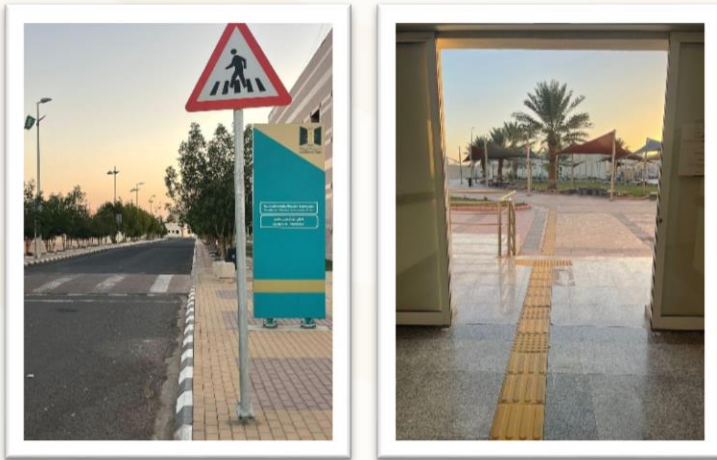
The University of Tabuk offers free housing services to students who receive scholarships to study at the university (see page 5).

<https://www.ut.edu.sa/ar/Deanship/student-affairs/Documents/%D8%B7%D9%84%D8%A8%20%D9%85%D9%86%D8%AD%D8%A9%20%D8%AF%D8%B1%D8%A7%D8%B3%D9%8A%D8%A9%20%D9%84%D8%BA%D9%8A%D8%B1%20%D8%A7%D9%84%D8%B3%D8%B9%D9%88%D8%AF%D9%8A%D9%8A%D9%86.pdf>



11.4.6 Pedestrian priority on campus

The University of Tabuk prioritizes pedestrian access throughout the campus.



11.4.7 Local authority collaboration regarding planning and development

The University of Tabuk collaborates with local authorities to address planning and development issues, including ensuring that local residents have access to affordable housing by providing faculty members with affordable housing options

<https://www.ut.edu.sa/ar/administration/Agency/Housing-Administration/Pages/default.aspx>

<https://www.ut.edu.sa/ar/administration/Agency/Housing-Administration/Documents/%D9%84%D8%A7%D8%A6%D8%AD%D8%A9%20%D8%A7%D9%84%D8%A5%D8%B3%D9%83%D8%A7%D9%86.pdf>

<https://www.ut.edu.sa/ar/administration/Agency/Housing-Administration/Documents/%D9%85%D9%84%D8%AD%D9%82%20%D9%84%D9%84%D8%A7%D8%A6%D8%AD%D8%A9%20%D8%A7%D9%84%D8%A7%D8%B3%D9%83%D8%A7%D9%86.pdf>

11.4.8 Planning development - new build standards

The University of Tabuk seeks to improve the university city's environment by encouraging the use of clean energy and promoting green buildings. The university has taken several executive steps to rationalize energy consumption through its partnership with Tarshid: National Energy Services Company (NESCO)

<https://sabq.org/saudia/pv3h8t>

Partnership (page 7)

<https://www.ut.edu.sa/ar/administration/vrgssr/Partnerships-and-International/Documents/Partnership%20Agreements%201.pdf>

Events:

https://twitter.com/dsa_ut/status/1767134852682310120
https://twitter.com/dsa_ut/status/1765423441102914023

Environmental performance assessment service for buildings

<https://www.ut.edu.sa/ar/Deanship/institute-for-research-and-consultancy/Pages/Environmental-performance-buildings.aspx>

Training workshop

