

soil pH and the need to monitor soil acidification and develop agronomic strategies to increase soil pH and sustainability of wheat production.

Література:

1. "Soil pH, Soil Organic Matter, and Crop Yields in Winter Wheat–Summer Fallow Systems" Rajan Ghimire, New Mexico State University 2019, с 121
2. "Дослідження причин виникнення та впливу кислотності ґрунтів на урожайність сільськогосподарських культур агрогосподарств Козівського району Тернопільської області" Н. М. Гловин О. В. Павлів
3. "Зміна кислотності темно-сірих лісових ґрунтів за різних технологічних чинників їх використання" Л. Ф. Броннікова, старший викладач Вінницький національний аграрний університет

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GADGETS IN HUMAN LIFE (ГАДЖЕТИ У ЖИТТІ ЛЮДИНИ)

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В статті описується роль гаджетів у житті людини, їх плюси та мінуси та взагалі яку користь вони несуть у наше життя.

Ключові слова: спілкування, інтернет, смартфон

The article describes the role of gadgets in human life, their pros and cons and in general what benefits they bring to our lives.

Keywords: communication, internet, smartphone

A few years ago, the boom of smartphones began, which began to rapidly replace keypad mobile phones. There has been an evolutionary change of species. Unusual devices looked absolutely incredible, the lack of buttons was so unusual. But large screens (compared to conventional phones), which took over almost all the functions of device management, turned out to be very “gluttonous”. The increase in the area of displaying information led to the rapid development of all kinds of software, which, in turn, spurred the use of more powerful processors

and graphics chipsets. As a result of the increase in energy consumption, the duration of the work of modern gadgets rarely reaches two days, subject to fairly active use. Of course, rechargeable compact power sources have also come a long way in recent years. But batteries have not yet been able to keep up with the increased appetites of modern gadgets. Thus, another unique innovation was embodied in YotaPhone, the second electronic ink display.

Can something as useful as a smartphone become harmful? There are many opinions on this subject, but it is impossible to give an unambiguous answer whether the widespread use of devices by a person is harmful. This state of affairs has its pros and cons.

First of all, the very concept of "gadget" is defined as a kind of compact device that helps to facilitate or improve a person's life. And in general it is:

1) Quick access to information. Anytime and anywhere you can get an answer to a question of interest, make purchases, transactions, read a book or get trained (foreign language, programming or drawing). All the functionality of the Web, literally, is always at hand.

2) Saving time. People who actively use the functionality of their smartphones do not need to postpone the solution of issues related to the use of the Internet or a computer until later: everything can be done here and now.

3) Fast communication. This applies not only to communication with friends or acquaintances for personal purposes, but also for business matters. Even if a person is in another city/country/continent, you can easily exchange messages, files and documents, which greatly simplifies the dialogue (at any level).

Disadvantages of using smart devices:

1) Escape from reality. Communication through the smartphone screen, training or work allow the user to escape from their own fears, insecurities and complexes, creating an aura of protection around them. Agree, it's easy and very convenient. But running away from solving problems, we deprive ourselves of many pleasant moments that remain on the other side of the screen.

2) Addiction. This negative factor follows from the previous one. In a carefully built virtual world (social networks, blogs, Internet sites) it is so comfortable that you don't want to go out. Instead of walking in the fresh air (unless you need to take a new selfie) or communicating with loved ones, we choose to spend time with a gadget.

3) Chasing current trends. The mass use of modern devices, of course, plays into the hands of their manufacturers: new models of smartphones and tablets are released every year, and there is always a demand for new products, because there are many "new" functions, which, firstly, are not always really new, and secondly are often meaningless. But the desire to own a newly released gadget, straight from the conveyor belt, as a rule, sounds louder than the voice of common sense.

One of the most objective experiments can be called the experience of Australian doctors. Scientists spent one of the longest campaigns (over 29 years) in order to confirm or refute these reports. In the course of studies in which the whole country took part (each case of oncology was recorded in the registry), it was found that the peak of diagnosis was in the 70-80s of the last century, long before the popularization of smartphones, and decades later, this statistics remained unchanged.

This does not mean that the use of gadgets in modern human life does not have any effect on health and appearance. Ophthalmologists say that when using a smartphone, people blink less often than necessary. This leads to dryness of the mucous membranes, and then inflammation of the eyes. In addition, smartphones are rarely held at eye level, which means that you need to tilt your head to check social networks or email. This leads to deformation of the oval of the face (women tremble) and tension in the cervical region.

However, these consequences are very easy to avoid. It is enough to use the technique rationally: check for updates, messages and letters only when necessary, and not at any opportunity.

Література:

1. <https://mentamore.com/socium/gadzhetny-v-zhizni-cheloveka.html>
2. <https://sites.google.com/site/gadzetyvnasejzizni/>
3. <https://glazastik.com>

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ALTERNATIVE KRAFTSTOFFE (АЛЬТЕРНАТИВНІ ВИДИ ПАЛИВА)

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Сьогодні в світі енергетики все більш очевидним стає стиль, який відображає бачення провідних країн світу замінити традиційні енергетичні ресурси відповідними аналогами рослинного походження. Такі заходи допомагають уникнути залежності від традиційних видів палива та зменшити забруднення навколишнього середовища, насамперед за рахунок скорочення викидів парникових газів

Ключові слова: *біоетанол, біодизель, біогаз, водень, діметиловий ефір, стиснений та зріджений газ,*