

College Students' Psychological Awareness of the Network Ecological Civilization

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Abstract: As a new media of information dissemination, the internet network has had a wide and far-reaching impact on people's work, lifestyle, concerns, ideas and other aspects of life. Psychological consciousness of the network functioning and issues is an important part of the construction of the network ecological civilization. This article presents an investigation of College Students' psychological consciousness of the network ecological civilization.

Keywords: Network ecology; Network ecological civilization; Psychological consciousness

1. Introduction

Since the late 1980s, with the rapid development of information technology, the living environment of human beings no longer consists of a single real-life environment, but also includes an online virtual component. In today's era, the widespread use of the mobile internet network has become an indispensable part of our daily life. The network is profoundly affecting and changing our way of life, ways of thinking and ideas (Chundi & Haixia, 2019). More and more people choose to participate in the discussion of topics in the public domain on the mobile internet because of the convenience. This process has a profound impact and even subverts public

opinion in today's society to a considerable extent.

While internet network participation brings convenience to people, it also induces many problems. At present, due to the lack of correct understanding and use of the network, cyberspace has become a miasma, resulting in a series of problems such as moral anomie, various crimes and the spreading of lies and propaganda (Chundi & Haixia, 2019). Due to the lagging research on the education of the new network ecological civilization, people do not have a clear understanding of the potential ecological crisis which seriously affects the normal operation of the network. The most effective way to deal with the problems caused by the development of the new network civilization should be



to cultivate consciousness of the ecological civilization at the core of the network (Chundi & Haixia, 2019).

College students, one of the most active groups of network users, are important participants in network social life. They surf the internet frequently, but lack the relevant network security awareness and randomly release their own personal information. Some of them casually forward or comment on information they have obtained without checking sources. Therefore, as important participants in the network society, college students should have a high degree of consciousness of the new network civilization, practice the elements of network ethics, and standardize their own behavior in the network ecological civilization (Chundi & Haixia, 2019). College students' awareness of network ecological civilization refers to the consciousness that college students have to protect the network ecological environment, make rational use of network information resources and get along well with other network subjects when carrying out network communication.

Cultivating college students' awareness of network ecological civilization is of great significance for college students to form good internet habits, ensure physical and mental health, and realize the goal of network power. In order to understand the current situation of college students' psychological awareness of the network ecological civilization, the author carried out a survey on "the current situation of psychological awareness of the network ecological civilization in China".

2. Questionnaire Survey

This survey was in the form of online questionnaire. The questionnaire covered several aspects such as network ecosystem, network ecological crisis, network ecological imbalance, and network ecological civilization. The subjects who completed the questionnaire were college students aged 18 to 22 years old. 602 college students participated, of whom 51% were men and 49% were women. 602 valid responses were obtained, with a valid questionnaire rate of 100%. The questionnaires were analyzed and the specific findings were as follows.

2.1 Investigation on the College Students' Understanding of the Network Ecosystem

The survey results of the college students' understanding of the network ecosystem participating in this online questionnaire are shown in (Figure 1) 22.39% of the

participants said they knew the network ecosystem. 60.20% of the participants said they knew a bit about it, and 17.41% of the participants said they didn't know about it at all.

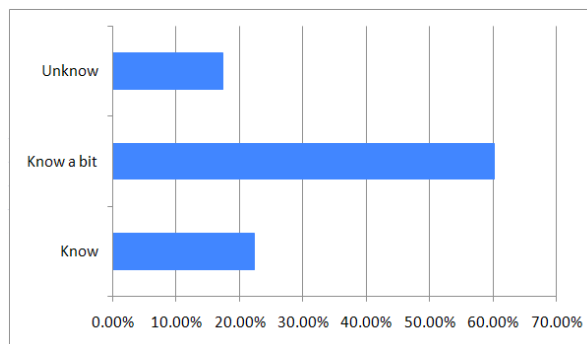


Figure 1. Investigation on the college students' understanding of the network ecosystem

2.2 Investigation on the College Students' Understanding of the Network Ecological Crisis

(Figure 2) shows the understanding of the college students participating in this online questionnaire about the network ecological crisis. 26.04% of the participants said they knew the network ecological crisis. 55.56% of the participants said they knew a little about it, and 18.14% of the participants said they didn't know about it at all.

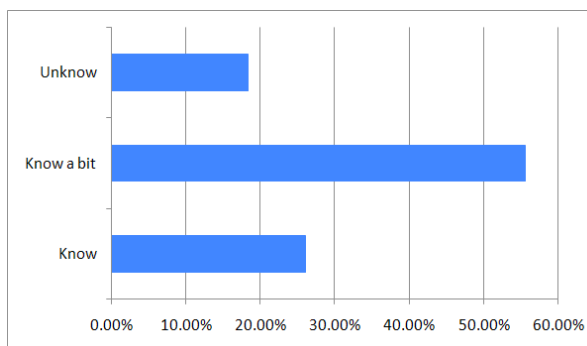


Figure 2. Investigation on the college students' understanding of the network ecological crisis

2.3 Investigation on the College Students' Cognition of the Network Ecological Imbalance

(Figure 3) shows the cognition of the college students participating in this online questionnaire on the network ecological imbalance. 82.09% of the participants believe that there is an ecological imbalance in the network. 2.65% of the participants believe that this phenomenon does not exist. 15.26% of the participants are not know about this phenomenon.

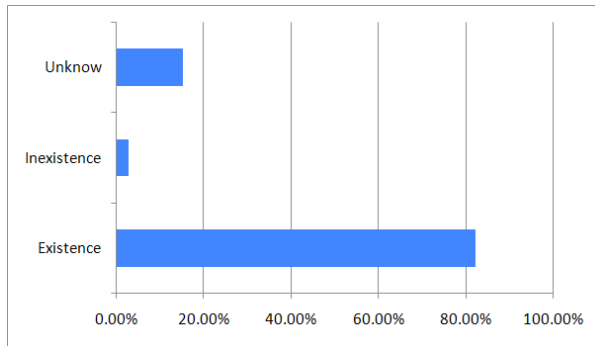


Figure 3. Investigation on the college students' cognition of the network ecological imbalance

2.4 Investigation on the College Students' Understanding of the Specific Manifestations of the Network Ecological Imbalance

(Figure 4) shows the understanding of the college students participating in this online questionnaire about the specific manifestations of the network ecological imbalance. 88.06% of the participants believed that the specific manifestation of the network ecological imbalance was the imbalance development of the network morality. 72.64% of the participants believed that the specific manifestation of the network ecological imbalance was the imbalance of the network legal supply. 61.19% of the participants believed that it was the imbalance of the network social development. 72.97% of the participants believed that it was manifested in the imbalance of the network governance.

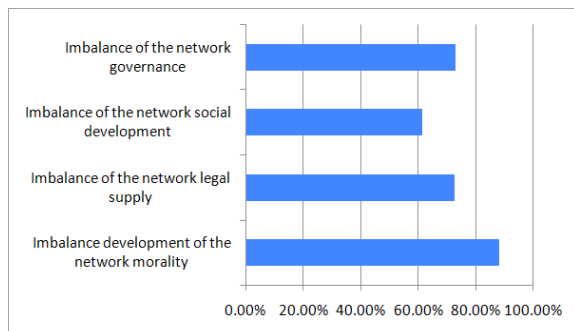


Figure 4. Investigation on the College Students' Understanding of the Specific Manifestations of the Network Ecological Imbalance

2.5 Investigation on the College Students' Understanding of the Network Ecological Civilization

The results of the survey of the college students' understanding of the network ecological civilization

participating in this online questionnaire are shown in (Figure 5). 27.53% of the participants said they knew the network ecological civilization. 58.71% of the participants said they knew a little about it, and 13.76% of the participants said they didn't know about it at all.

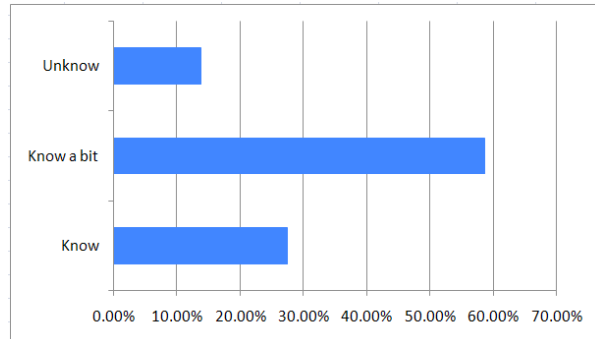


Figure 5. Investigation on the college students' understanding of the network ecological civilization

2.6 Investigation of the College Students' Influence Factors on the Network Ecological Civilization

The results of the college students' investigation on the factors affecting the network ecological civilization are shown in Figure 6. 85.24% of the participants believe that the miscellaneous network information is the factor affecting the network ecological civilization. 86.90% of the participants believe that the anomie of the network morality is the factor affecting the network ecological civilization. 73.80% of the participants believe that the network infringement is the factor affecting the network ecological civilization. 73.13% of the participants believe that the network crime is the factor affecting the network ecological civilization. 79.60% of the participants believed that the lack of awareness of the network ecological civilization was the factor affecting the network ecological civilization.

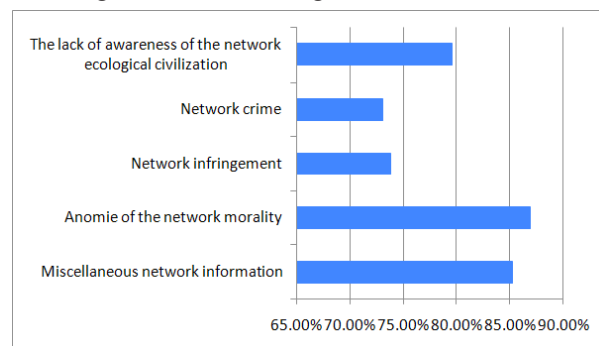


Figure 6. Investigation of the college students' influence factors on the network ecological civilization

2.7 Investigation on the College Students' Awareness of the Network Ecological Civilization

The statistical results of this network questionnaire are shown in (Figure 7) 76.29% of the participants believed that college students' awareness of the network ecological civilization was lack. 6.97% of the participants believed that it was no lack, and 16.75% of the participants do not know about it.

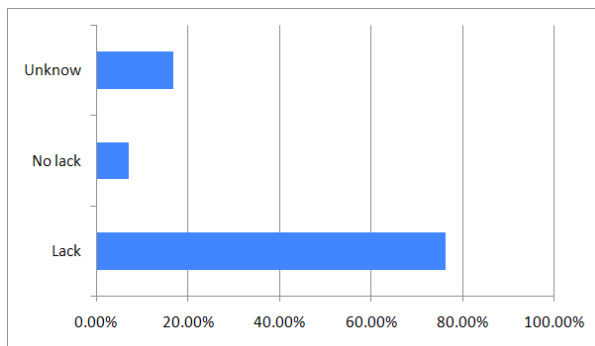


Figure 7. Investigation on the college students' awareness of the network ecological civilization

2.8 Investigation on the Necessity of the College Students' Cultivation of the Network Ecological Civilization

The results of the survey on the attitude of the college students participating in this online questionnaire towards the necessity of cultivating awareness of the network ecological civilization are shown in (Figure 8) 90.55% of the participants said they needed it. 4.31% of the participants said they didn't need it, and 5.14% of the participants said they didn't know about it.

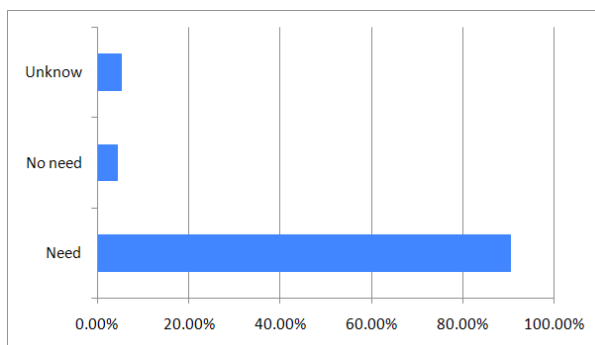


Figure 8. Investigation on the necessity of the college students' cultivation of the network ecological civilization

2.9 Survey of the College Students' Suggestions on the Construction Measures of the Ecological Civilization

The suggestions of the college students participating in this questionnaire on the measures to build the network

ecological civilization are shown in Figure 9. 89.55% of the participants think that the moral cultivation is more important. 85.57% of the participants think that legal constraints are more important. 80.27% of the participants think that the pluralistic subject collaborative participation is needed. 77.45% of the participants think that institutional guarantee can promote the construction of the network ecological civilization. 73.13% of the participants believed that the construction of the network ecological civilization needed to guide the network media.

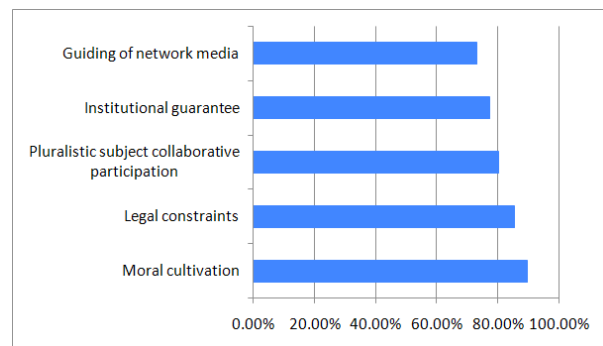


Figure 9. Survey of the College Students' Suggestions on the Construction Measures of the Ecological Civilization

2.10 Investigation on the Current Situation of the College Students' Cognition of the Practice of the Network Ecological Civilization

The results of the survey on the college students' understanding of the Convention on the network ecological civilization issued by some provinces and cities in China are shown in (Figure 10) 26.54% of the participants said they knew it. 38.14% of the participants knew a bit about it, and 35.52% of the participants said they did not know about it.

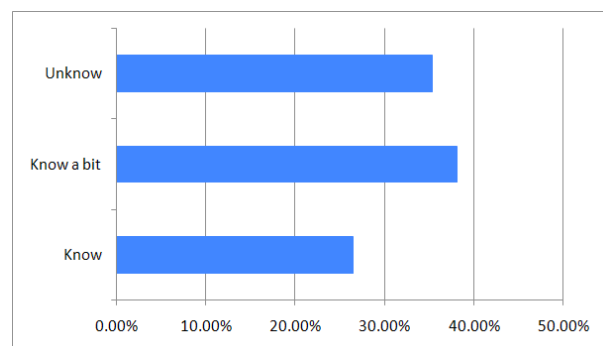


Figure 10. Investigation on the current situation of the college students' cognition of the practice of the network ecological civilization

3. Analysis of Questionnaire Results

Based on the results of the questionnaire, this paper analyzes the current situation of college students' psychological awareness of the network ecological civilization.

3.1 Cognitive Psychology of the Network Ecosystem

Human beings have a new living space in the network. From the perspective of ecology, the human network environment can be regarded as a whole network ecosystem. The network ecosystem is an organic whole with certain social functions, which is composed of various civilized elements of the network environment and their mutual relations. College students are an important subject of the network public opinion. From the analysis of the questionnaire results, college students do not know much about the network ecosystem. About 60% of the participants have only a little understanding of the network ecosystem, and nearly one fifth of the participants have no understanding of the network ecosystem at all. It can be seen that, on the one hand, college students lack the initiative to recognize the network ecosystem; on the other hand, China lacks the publicity of the network ecosystem.

3.2 Cognitive Psychology of the Network Ecological Crisis

The network social ecosystem, like the real-life social ecosystem, will have development imbalances and crises. From the analysis of the questionnaire results, nearly one fifth of the participants were not aware of the imbalance and ecological crisis in the network ecology. More than half of the participants have only a little understanding of the internet ecological crisis. The convenience of network information dissemination and the complexity of network information management lead to the proliferation of network information. Network information can erode college students' ability to judge and distinguish right from wrong. College Students' blind obedience to network information has led to the network ecological crisis to a certain extent.

3.3 Cognitive Psychology of the Network Ecological Civilization

The network ecological civilization is a new form in the history of human civilization. College Students' cognition of issues regarding the internet network is of great significance to the construction of the network ecological civilization. According to the analysis of the

questionnaire results, nearly 70% of the participants did not fully understand the network ecological civilization. More than three quarters of the participants believed that there was a lack of psychological awareness of the network ecological civilization. This is mainly due to the lack of network ecological culture, the lack of awareness of the development of network ecological civilization and the lack of awareness of the characteristics of network ecological civilization.

The network ecological culture is currently at the frontier of and vanguard position of cultural development. It leads the trend of social and cultural prosperity with its remarkable characteristics of fast propagation, rich content and fashion. Its lack is detrimental to the network ecological environment. Guiding network public opinion, improving the quality of network media and creating a good public opinion atmosphere are conducive to cultivating college students' network ecological cultural awareness. The development of network ecological civilization fully reflects the extension of people's actual strength and the expansion of people's practical limits. The network ecological civilization inherits the continuous and consistent spiritual consciousness of human beings, and is a new theoretical requirement and practical attempt for human beings to transcend the world and their own difficulties. The basic characteristics of the network ecological civilization are virtuality, spiritual freedom and harmonious sharing. Cyberspace gets rid of the limitation of time and space and realizes the relative freedom of spirit.

In the network ecological civilization, people's thoughts and imagination really come out of people's brain for the first time. With the help of network communication technology, they are externalized into visual hypertext landscape and presented in the virtual mobile space-time network. People's acceptance is collective, even global, positive, interactive and real-time. The spirit truly realizes the sharing between people for the first time (Xu, 2009).

Therefore, strengthening the cognitive education of college students' network ecological civilization is helpful to cultivate their healthy network moral personality and psychology.

3.4 Cognitive Psychology of the Practice of the Network Ecological Civilization

From the analysis of the questionnaire results, more

than 70% of the respondents do not know much about the Convention of the network ecological civilization in some regions of China. However, the survey data shows that college students have a high willingness to cultivate their own awareness of the ecological civilization and hope to receive education on the awareness of the network ecological civilization. When the practice of the network ecological civilization is in progress in some parts of China. It can be seen that strengthening the publicity of the Convention on the network ecological civilization is very important for the practice of the network ecological civilization.

4. Ways to Cultivate College Students' Psychological Awareness of the Network Ecological Civilization

To cultivate college students' psychological consciousness of the network ecological civilization, we need to start from the aspects of cultivating college students' consciousness of the network ecological environment, the network moral psychology and the network legal system psychology.

4.1 Cultivating College Students' Awareness of the Network Ecology

Cultivating college students' awareness of the network ecology needs to start with cultivating college students' awareness of the network ecological crisis, network ecological responsibility and network information security.

Firstly, in cultivating college students' awareness of the network ecological crisis. we should first cultivate their awareness of the network ecological crisis. The network ecological crisis refers to the abuse and misuse of the network by people, which pollutes the network environment, causes the network ecological imbalance, endangers the network security, and seriously affects the operation of the network. (Zhang, 2007). Modern technology not only brings convenience to human production and life, but also creates an "invisible framework" with strong driving force for human subjects. This framework is called the "seat frame" of technology by Heidegger. Heidegger believes that the "seat frame" of technology eliminates people's autonomy and initiative. Due to the internal drive and strong impulse of economic interests and profit-seeking values, people's self confirmation is replaced by technical confirmation, people's internal

power is displayed by the technical power, and people's actions and even lifestyles are dominated and ruled by technology. (Heidegger, 1977). In recent years, the "seat frame" effect of the network technology has seriously alienated the network ecology, showing a deteriorating trend. The network ecological crisis is caused by many factors, such as the network information pollution, the network moral anomie or the network crime. The absence of college students' awareness of the network ecological crisis will make the situation worse. Therefore, Cultivating college students' awareness of the network ecological crisis can make them truly understand the current situation of the network ecology and arouse and strengthen their awareness of the network ecological crisis.

Secondly, in cultivating college students' awareness of the network ecological responsibility, they should actively fulfill their responsibilities, restrain themselves with responsibilities, strengthen the responsibility of the construction of the network ecological civilization, and consciously contribute to the construction of the network ecological civilization. Therefore, college students should not casually comment, believe rumors, spread rumors, publish false news, or violence others online in cyberspace. They should consciously abide by the provisions of network laws, perform the network moral and legal obligations, consciously respect and protect the privacy of others, and surf the Internet in a civilized manner. At the same time, college students can actively participate in network supervision, complain and report uncivilized phenomena on the network, and promote the sharing and co governance of cyberspace. Guiding college students to participate in online cultural celebrations with traditional festivals as the theme will help carry forward the excellent traditional culture of the nation, enhance their cultural identity and enhance their sense of responsibility for the network ecology.

Thirdly, education of network information security awareness is extremely important. We should guide college students to learn to choose the network information rationally and respect others' privacy on the premise of protecting their own information security. We should guide college students to be cautious when registering information on online platforms or participating in online activities to protect their personal privacy information. We also should

remind college students not to click unknown links and download pirated network software. In addition, college students can also properly participate in online activities related to the network security education, such as online lectures, online forums and other forms of communication, so as to improve college students' awareness of the network security.

4.2 Cultivating College Students' Psychological Awareness of the Network Morality

The goal of Cultivating college students' psychological awareness of the network morality is to encourage college students to abide by the code of conduct and norms of the network society.

Firstly, public morality refers to "the code of moral conduct that people should abide by in performing the obligations of the whole society or activities involving the interests of the whole society" (Zhang, 2004). Public morality is the norm that all members of society should abide by. In the network society, the network ecological public morality is also a convention and good custom that college students follow. The network ecological morality requires people to protect the network environment, respect and tolerate others, make rational use of network resources, and realize the common development of people and the network. The Ministry of Education in China has issued the "National Convention on youth network civilization". It requires teenagers to "be good at online learning and not browse bad information; be honest and friendly in communication and not insult or cheat others; enhance the awareness of self-protection and not casually date netizens; maintain the network security and not destroy the network order; be beneficial to physical and mental health and not indulge in virtual space and time". College students should learn and master these conventions to further improve the network public ethics.

Secondly, the goal of cultivating college students' moral awareness of the network information is to make college students consciously abide by the code of network ethics in network activities, learn to distinguish and select the network information, and reasonably use and disseminate the network information. In the era of the network information, college students' ability to distinguish network information is not strong, and their depth of thinking will decline in the face of a

large amount of the network information. They lack the ability to think independently and freely, and are vulnerable to external influence and temptation. In the process of learning, college students rely more on the powerful network search function. In the long run, their intelligence may deteriorate. Therefore, society, schools and families should all assume educational responsibilities, give full play to their own advantages, and jointly create a good network environment for college students.

To cultivate college students' awareness of the network information morality, we can help college students understand and improve their awareness of the network information morality by organizing various publicity activities, such as essay competition, debate competition and other big discussions on the information morality. We should guide and educate college students to correctly deal with network information morality issues, and use the network to provide network resources for them. We should guide college students to abide by the network moral convention, resolutely resist harmful and vulgar the network information, develop the awareness of the network moral self-discipline, avoid indulging in the network, and be cautious and introspective. Only individual moral self-discipline can maintain the network moral norms. We should also build a free psychological counseling platform on the network to help college students solve network information moral problems and standardize their online behavior.

4.3 Cultivating College Students' Psychological Awareness of the Network Legal System

The goal of cultivating college students' psychological awareness of the network legal system is to enable college students to understand relevant network legal knowledge, not to violate the law during network activities, and to actively take up legal weapons to protect their rights when their legitimate rights and interests are infringed. Cultivating college students' psychological awareness of the network legal system can improve their awareness of the network security and effectively prevent potential network security risks.

Firstly, we should change the traditional concept of education, make full use of the network technology, and broaden the channels of legal education. Educators should use network media to combine traditional

legal education with the network, enrich the content of the network legal education, and broaden the form of education. We can build an online legal education website, which combines audio-visual, video, pictures and other forms, and combines various resources to attract college students to actively participate in online legal education. In this way, we can teach college students basic knowledge of the network law, guide them to consciously maintain the network order and reduce the network anomie.

Secondly, in integrating the network legal education into the university classroom we should set up courses related to the network law and include it as a general course in the compulsory courses for college students. We should also introduce the network legal education into the classroom of college students' professional courses to enhance their awareness of the network risk prevention through network legal education.

Thirdly, carrying out various forms of legal education actively attracts more college students to participate in practice activities, such as giving lectures on network laws and regulations, holding competitions, lectures, debates on network laws and regulations, which will help them consolidate legal knowledge, improve the efficiency of legal education, and strengthen the ability to deal with various risks.

5. Conclusion

In the era of the internet network college students' network education is a long-term and complex project. Its goal is to cultivate college students' psychological awareness of the network ecological civilization, guide

them to establish a correct concept of the network ecology, develop good network ethics, and standardize their own network behavior. This requires the joint efforts of college students themselves, schools, families and society. From the analysis of the questionnaire results, moral cultivation and legal constraints are considered to be relatively important measures in the construction of the network ecological civilization.

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Conflict of Interest

There is no conflict of interest.